

## SEQUENCE LISTING

&lt;110&gt; INCYTE PHARMACEUTICALS, INC.

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 BANDMAN, Olga

&lt;120&gt; HUMAN SIGNAL PEPTIDE-CONTAINING PROTEINS

&lt;130&gt; PF-0541 PCT

&lt;140&gt; To Be Assigned

&lt;141&gt; Herewith

&lt;150&gt; 60/090,762; 60/094,983; 60/102,686; 60/112,129

&lt;151&gt; 1998-06-26; 1998-07-31; 1998-10-01; 1998-12-11

&lt;160&gt; 268

&lt;170&gt; PERL Program

&lt;210&gt; 1

&lt;211&gt; 88

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 443531

&lt;400&gt; 1

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Met Ser Trp Trp Leu Cys Leu Pro Leu Gly Leu Phe Gly Ser Cys
  1             5             10             15
100 Ala Asp Ile Phe Phe Phe Phe Phe Phe Phe Phe Phe Phe Phe Phe
      20             25             30
Gln His Asp Gly Ala Gln Pro Ser Pro Lys Cys Leu Ala Glu Glu
      35             40             45
Leu Gly Asp Ala Trp Thr Ile Gln Ile Glu Ala Asn Trp Lys Tyr
      50             55             60
Arg Ala Val Asn Thr Asn Gln Arg Gly Lys Leu Leu Ala Ser Glu
      65             70             75
Thr Trp Lys Gly Arg Arg Asn Thr Phe Phe Phe Leu Pro
      80             85

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<210> 2  
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<220>  
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 Met Trp Pro Ala Gly Leu Gly Arg Ser Leu Leu Ala Gln Pro Ala  
 1 5 10 15  
 Leu Cys Ser Phe Met Gly Pro Gln Trp Ile Leu Gln Phe Cys Ser  
 20 25 30  
 Trp Leu Glu Pro Arg Gln Leu Arg Trp Ser Trp Thr Glu Pro Pro  
 35 40 45  
 Phe Thr Leu Leu Asp Ser Leu Gly Leu Arg Ala Ala Gln Asp Ser  
 50 55 60  
 Cys Ser Phe Thr Thr Leu Val Pro Leu Thr Leu Asp Ser Ser Phe  
 65 70 75  
 Met Thr Val Asn Val Val Pro Phe Val Trp Thr Ser Ser Phe Phe  
 80 85 90  
 Arg Ala Phe Gln Tyr Pro Val Thr Ser Pro Cys Arg Thr Lys Asn  
 95 100 105  
 Thr Pro Leu Leu Ile Asp Gly Val Thr Arg Ile Gln Ala Thr Trp  
 110 115 120  
 Pro Glu Ala Arg Ser Gln His Glu  
 125

<210> 3  
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 <212> PRT  
 <213> Homo sapiens

<220>  
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 <223> Incyte Clone No: 670010

<400> 3  
 Met Gly Leu Leu Leu Leu Val Leu Thr Leu Ser Leu Leu Thr Val  
 1 5 10 15  
 Ala Tyr Thr Ile Met Ser Leu Pro Pro Ser Phe Asp Cys Gly Pro  
 20 25 30  
 Gly Ser Leu Leu Arg Gly Pro Arg Pro Arg Ile Pro Val Leu Val  
 35 40 45  
 Gly Ser Leu Leu Arg Gly Pro Arg Pro Arg Ile Pro Val Leu Val  
 50 55 60  
 Ser Cys Gln Pro Val Lys Gly His Gly Thr Leu Gly Gln Ser Pro  
 65 70 75  
 Met Pro Phe Lys Arg Val Phe Cys Gln Asp Gly Asn Val Arg Ser  
 80 85 90  
 Phe Cys Val Cys Ala Val His Phe Ser Ser His Gln Pro Pro Val  
 95 100 105  
 Ala Val Glu Cys Leu Lys

110

<210> 4  
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<400> 4  
 Met Trp Arg Leu Arg Arg Asn Leu Ala Leu Pro Pro Gly Lys Leu  
 1 5 10 15  
 Ala Trp Leu Tyr Leu Ser Val Phe Ser Gln Gly Ser Arg Ala Met  
 20 25 30  
 Met Ser Leu Thr Glu Ile Arg Leu Lys His Met Leu Glu Ile Trp  
 35 40 45  
 His Gly Arg Gln Ala Arg Ala Cys Glu Asn Leu Arg Asn Gln Thr  
 50 55 60  
 Arg Val Ala Thr Lys Val Glu Pro Gln Lys Gly Arg Ser Thr Glu  
 65 70 75  
 Ile Cys Cys Leu Ala Val Val Pro Leu Asn Glu Val Val Gln Ser  
 80 85 90  
 Ser Ile Leu Trp Trp Val Trp Ser Cys Cys Gln His Gln Glu Asp  
 95 100 105  
 Lys Leu Gly Ala Lys  
 110

<210> 5  
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<220>  
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<400> 5  
 Met Ala Glu Ser Gly Leu Thr Ser Leu Pro Gly Thr Ala Ser Trp  
 1 5 10 15  
 Phe Cys Phe Leu Pro Val Ser Gln Arg Lys Ala Thr Ser Lys Lys  
 20 25 30  
 Leu Leu Leu Lys Ala Arg Lys Lys Ser Gly Phe Glu Leu Ser Val  
 35 40 45  
 Thr Asp Ser Ser Glu Cys Phe Arg Val Thr Ala Ser Val Arg Gly  
 50 55 60  
 Met Lys Leu Arg His Ala Lys Gln Lys Glu Cys Glu Lys Lys P  
 65 70 75  
 Cys Phe Gly

<210> 6  
 <211> 88  
 <212> PRT  
 <213> Homo sapiens

<220>  
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 <223> Incyte Clone No: 924925

<400> 6  
 Met Trp Pro Ser Gln Val Pro Leu Leu Ala Phe Cys Phe Leu Leu  
 1 5 10 15  
 Val Lys Ser Thr Ser Asn Ile Asn Leu Pro Thr Pro Pro Pro Ser  
 20 25 30  
 Ser Leu Glu Asn Ser Ser Phe Val Val Ser Gln Arg Gly Asn Leu  
 35 40 45  
 Ile Val Phe Gly Gly Gln Lys Lys Ala Thr Phe Arg Tyr His Phe  
 50 55 60  
 Tyr Leu Asp Arg Met Pro Phe Tyr Ser Gln Ile Ser Val Tyr Phe  
 65 70 75  
 Val Asn Gly Phe Arg Val Asn Gly Tyr Leu Cys Asn Asn  
 80 85

<210> 7  
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<220>  
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 Met Gly Arg Pro Leu Leu Leu Pro Leu Leu Leu Leu Gln Pro  
 1 5 10 15  
 Pro Ala Phe Leu Gln Pro Gly Gly Ser Thr Gly Ser Gly Pro Ser  
 20 25 30  
 Tyr Leu Tyr Glu Val Gln Ile Asp Leu Val Val Val Val Val  
 35 40 45  
 Gly Gly Ser Val Glu Ile Pro Phe Ser Phe Tyr Tyr Pro Trp Glu  
 50 55 60  
 Phe Ala Ile Val Val Val Val Val Val Val Val Val Val Val  
 65 70 75  
 Phe His Gly Gln Ser Phe Tyr Ser Thr Arg Pro Pro Ser Ile His  
 80 85 90  
 Lys Asp Tyr Val Asn Arg Leu Phe Leu Asn Trp Thr Glu Gly Gln  
 95 100 105  
 Glu Ser Gly Phe Leu Arg Ile Ser Asn Leu Arg Lys Glu Asp Gln  
 110 115 120  
 Ser Val Tyr Phe Cys Arg Val Glu Leu Asp Thr Arg Arg Ser Gly  
 125 130 135  
 Arg Gln Gln Leu Gln Ser Ile Lys Gly Thr Lys Leu Thr Ile Thr



	140		145		150
Gln Ala Val Thr	Thr Thr Thr Thr Trp	Arg Pro Ser Ser Thr Thr			
	155		160		165
Thr Ile Ala Gly	Leu Arg Val Thr Glu	Ser Lys Gly His Ser Glu			
	170		175		180
Ser Trp His Leu	Ser Leu Asp Thr Ala	Ile Arg Val Ala Leu Ala			
	185		190		195
Val Ala Val Leu	Lys Thr Val Ile Leu	Gly Leu Leu Cys Leu Leu			
	200		205		210
Leu Leu Trp Trp	Arg Arg Arg Lys Gly	Ser Arg Ala Pro Ser Ser			
	215		220		225
Asp Phe					

&lt;210&gt; 8

&lt;211&gt; 198

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1259405

&lt;400&gt; 8

Met Ala Thr Leu Trp	Gly Gly Leu Leu Arg	Leu Gly Ser Leu Leu	
1	5	10	15
Ser Leu Ser Cys Leu	Ala Leu Ser Val	Leu Leu Leu Ala Gln Leu	
	20	25	30
Ser Asp Ala Ala Lys	Asn Phe Glu Asp	Val Arg Cys Lys Cys Ile	
	35	40	45
Cys Pro Pro Tyr Lys	Glu Asn Ser Gly	His Ile Tyr Asn Lys Asn	
	50	55	60
Ile Ser Gln Lys Asp	Cys Asp Cys Leu	His Val Val Glu Pro Met	
	65	70	75
Pro Val Arg Gly Pro	Asp Val Glu Ala	Tyr Cys Leu Arg Cys Glu	
	80	85	90
Cys Lys Tyr Glu Glu	Arg Ser Ser Val	Thr Ile Lys Val Thr Ile	
	95	100	105
Ile Ile Tyr Leu Ser	Ile Leu Gly Leu	Leu Leu Leu Tyr Met Val	
	110	115	120
Tyr Ile Thr Thr Thr	Gln Ile Thr Leu	Arg Arg Leu Ile Gly	
	125	130	135
His Ala Gln Leu Ile	Gln Ser Asp Asp	Asp Ile Gly Asp His Gln	
	140	145	150
Pro Ile Ala Leu Ala	His Pro Val Leu	Ala Arg Ser Asp Ser Arg	
	155	160	165
Ala Asn Val Leu Asn	Lys Val Glu Tyr	Ala Gln Gln Arg Trp Lys	
	170	175	180
Leu Gln Val Gln Glu	Gln Arg Lys Ser	Val Phe Asp Arg His Val	
	185	190	195
Val Leu Ser			

<210> 9  
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<220>  
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 <223> Incyte Clone No: 1297384

<400> 9  
 Met Met Pro Arg Leu Leu Gly Leu Gly Gly Leu Phe Ser Phe Gly  
 1 5 10 15  
 Gly Leu Pro Leu Leu Leu Phe Phe Gln Arg Ser Arg Ala Ser  
 20 25 30  
 Leu Ala Ser Ser Ser Thr Gly Leu Trp Ile Asn Gln Leu Pro Lys  
 35 40 45  
 Gly Cys Thr Cys Arg Val Val Trp Ala Cys Ile Pro Asp Val Leu  
 50 55 60  
 Glu Tyr Ala Trp Met  
 65

<210> 10  
 <211> 154  
 <212> PRT  
 <213> Homo sapiens

<220>  
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<400> 10  
 Met Asp Ala Pro Arg Leu Pro Val Arg Pro Gly Val Leu Leu Pro  
 1 5 10 15  
 Lys Leu Val Leu Leu Phe Val Tyr Ala Asp Asp Cys Leu Ala Gln  
 20 25 30  
 Cys Gly Lys Asp Cys Lys Ser Tyr Cys Cys Asp Gly Thr Thr Pro  
 35 40 45  
 Tyr Cys Cys Ser Tyr Tyr Ala Tyr Ile Gly Asn Ile Leu Ser Gly  
 50 55 60  
 Thr Ala Ile Ile Val Val Phe Cys Ile Val Ile Ile Ile  
 65 70 75  
 Val Ile Ala Gly Ile Ala Ile Cys Ile Cys Met Cys Met Lys Asn  
 80 85 90  
 Thr Val Ser Ser Tyr Pro Gly Pro Pro Pro Tyr Gly His Asp His  
 95 100 105  
 Thr Val Ser Ser Tyr Pro Gly Pro Pro Pro Tyr Gly His Asp His  
 110 115 120  
 Glu Met Glu Tyr Cys Ala Asp Leu Pro Pro Pro Tyr Ser Pro Thr  
 125 130 135  
 Pro Gln Gly Pro Ala Gln Arg Ser Pro Pro Pro Tyr Pro Gly  
 140 145 150  
 Asn Ala Arg Lys

<210> 11  
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 <213> Homo sapiens

<220>  
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<400> 11  
 Met Lys Pro Leu Val Leu Leu Val Ala Leu Leu Leu Trp Pro Ser  
   1                  5                  10                  15  
 Ser Val Pro Ala Tyr Pro Ser Ile Thr Val Thr Pro Asp Glu Glu  
                   20                  25                  30  
 Gln Asn Leu Asn His Tyr Ile Gln Val Leu Glu Asn Leu Val Arg  
                   35                  40                  45  
 Ser Val Pro Ser Gly Glu Pro Gly Arg Glu Lys Lys Ser Asn Ser  
                   50                  55                  60  
 Pro Lys His Val Tyr Ser Ile Ala Ser Lys Gly Ser Lys Phe Lys  
                   65                  70                  75  
 Glu Leu Val Thr His Gly Asp Ala Ser Thr Glu Asn Asp Val Leu  
                   80                  85                  90  
 Thr Asn Pro Ile Ser Glu Glu Thr Thr Thr Phe Pro Thr Gly Gly  
                   95                  100                 105  
 Phe Thr Pro Glu Ile Gly Lys Lys Lys His Thr Glu Ser Thr Pro  
                  110                 115                 120  
 Phe Trp Ser Ile Lys Pro Asn Asn Val Ser Ile Val Leu His Ala  
                  125                 130                 135  
 Glu Glu Pro Tyr Ile Glu Asn Glu Glu Pro Glu Pro Glu Pro Glu  
                  140                 145                 150  
 Pro Ala Ala Lys Gln Thr Glu Ala Pro Arg Met Leu Pro Val Val  
                  155                 160                 165  
 Thr Glu Ser Ser Thr Ser Pro Tyr Val Thr Ser Tyr Lys Ser Pro  
                  170                 175                 180  
 Val Thr Thr Leu Asp Lys Ser Thr Gly Ile Glu Ile Ser Thr Glu  
                  185                 190                 195  
 Ser Glu Asp Val Pro Gln Leu Ser Gly Glu Thr Ala Ile Glu Lys  
                  200                 205                 210  
 Pro Glu Ser Trp Lys His Gln Arg Val Gly Tyr Asp Ala Phe Glu  
                  215                 220                 225  
 Lys Asn Leu Val Leu Ile Thr Met His Arg His Phe

<210> 12  
 <211> 225  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 1316219

<400> 12

Met	Thr	Pro	Glu	Gly	Val	Gly	Leu	Thr	Thr	Ala	Leu	Arg	Val	Leu
1				5					10					15
Cys	Asn	Val	Ala	Cys	Pro	Pro	Pro	Pro	Val	Glu	Gly	Gln	Gln	Lys
				20					25					30
Asp	Leu	Lys	Trp	Asn	Leu	Ala	Val	Ile	Gln	Leu	Phe	Ser	Ala	Glu
				35					40					45
Gly	Met	Asp	Thr	Phe	Ile	Arg	Val	Leu	Gln	Lys	Leu	Asn	Ser	Ile
				50					55					60
Leu	Thr	Gln	Pro	Trp	Arg	Leu	His	Val	Asn	Met	Gly	Thr	Thr	Leu
				65					70					75
His	Arg	Val	Thr	Thr	Ile	Ser	Met	Ala	Arg	Cys	Thr	Leu	Thr	Leu
				80					85					90
Leu	Lys	Thr	Met	Leu	Thr	Glu	Leu	Leu	Arg	Gly	Gly	Ser	Phe	Glu
				95					100					105
Phe	Lys	Asp	Met	Arg	Val	Pro	Ser	Ala	Leu	Val	Thr	Leu	His	Met
				110					115					120
Leu	Leu	Cys	Ser	Ile	Pro	Leu	Ser	Gly	Arg	Leu	Asp	Ser	Asp	Glu
				125					130					135
Gln	Lys	Ile	Gln	Asn	Asp	Ile	Ile	Asp	Ile	Leu	Leu	Thr	Phe	Thr
				140					145					150
Gln	Gly	Val	Asn	Glu	Lys	Leu	Thr	Ile	Ser	Glu	Glu	Thr	Leu	Ala
				155					160					165
Asn	Asn	Thr	Trp	Ser	Leu	Met	Leu	Lys	Glu	Val	Leu	Ser	Ser	Ile
				170					175					180
Leu	Lys	Val	Pro	Gly	Phe	Phe	Ser	Gly	Leu	Ile	Leu	Leu	Ser	
				185					190					195
Glu	Leu	Leu	Pro	Leu	Pro	Leu	Pro	Met	Gln	Thr	Thr	Gln	Val	Ser
				200					205					210
Leu	Pro	Tyr	Asn	Met	His	Leu	Ile	Asn	Asp	Cys	Ser	Asn	Thr	Phe
				215					220					225

&lt;210&gt; 13

&lt;211&gt; 117

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1329031

&lt;400&gt; 13

Met	Pro	Ser	Pro	Gly	Thr	Val	Cys	Ser	Leu	Leu	Leu	Leu	Gly	Met
1				5					10					15
Leu	Trp	Leu	Leu	Leu	Ala	Leu	Ile	Gln	Ser	Ser	Ile	Leu	Ser	Pro
				20					25					30
Glu	His	Gln	Arg	Val	Gln	Gln	Arg	Lys	Glu	Ser	Lys	Lys	Pro	Pro
				35					40					45
Ala	Lys	Leu	Gln	Pro	Arg	Ala	Leu	Ala	Gly	Trp	Leu	Arg	Pro	Glu
				50					55					60
Asp	Gly	Gly	Gln	Ala	Glu	Gly	Ala	Glu	Asp	Glu	Leu	Glu	Val	Arg
				65					70					75
Phe	Asn	Ala	Pro	Phe	Asp	Val	Gly	Ile	Lys	Leu	Ser	Gly	Val	Gln
				80					85					90
Tyr	Gln	Gln	His	Ser	Gln	Ala	Leu	Gly	Lys	Phe	Leu	Gln	Asp	Ile

	95	100	105
Leu Trp Glu Glu Ala Lys Glu Ala Pro Ala Asp Lys			
	110	115	

<210> 14  
 <211> 253  
 <212> PRT  
 <213> Homo sapiens

<220>  
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 <223> Incyte Clone No: 1483050

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 Met Asp Asn Arg Phe Ala Thr Ala Phe Val Ile Ala Cys Val Leu  
   1                  5                  10                  15  
 Ser Leu Ile Ser Thr Ile Tyr Met Ala Ala Ser Ile Gly Thr Asp  
                   20                  25                  30  
 Phe Trp Tyr Glu Tyr Arg Ser Pro Val Gln Glu Asn Ser Ser Asp  
                   35                  40                  45  
 Leu Asn Lys Ser Ile Trp Asp Glu Phe Ile Ser Asp Glu Ala Asp  
                   50                  55                  60  
 Glu Lys Thr Tyr Asn Asp Ala Leu Phe Arg Tyr Asn Gly Thr Val  
                   65                  70                  75  
 Gly Leu Trp Arg Arg Cys Ile Thr Ile Pro Lys Asn Met His Trp  
                   80                  85                  90  
 Tyr Ser Pro Pro Glu Arg Thr Glu Ser Phe Asp Val Val Thr Lys  
                   95                  100                 105  
 Cys Val Ser Phe Thr Leu Thr Glu Gln Phe Met Glu Lys Phe Val  
                  110                 115                 120  
 Asp Pro Gly Asn His Asn Ser Gly Ile Asp Leu Leu Arg Thr Tyr  
                  125                 130                 135  
 Leu Trp Arg Cys Gln Phe Leu Leu Pro Phe Val Ser Leu Gly Leu  
                  140                 145                 150  
 Met Cys Phe Gly Ala Leu Ile Gly Leu Cys Ala Cys Ile Cys Arg  
                  155                 160                 165  
 Ser Leu Tyr Pro Thr Ile Ala Thr Gly Ile Leu His Leu Leu Ala  
                  170                 175                 180  
 Gly Leu Cys Thr Leu Gly Ser Val Ser Cys Tyr Val Ala Gly Ile  
                  185                 190                 195  
 Glu Leu Leu His Gln Lys Leu Glu Leu Pro Asp Asn Val Ser Gly  
                  200                 205                 210  
 Glu Phe Gly Trp Ser Phe Cys Leu Ala Cys Val Ser Ala Pro Leu  
                  215                 220                 225  
 Gln Phe Met Ala Ser Ala Leu Phe Ile Trp Ala Ala His Thr Asn  
                  230                 235                 240  
 Arg Lys Glu Tyr Thr Leu Met Lys Ala Tyr Arg Val Ala  
                  245                 250

<210> 15  
 <211> 171

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1514160

&lt;400&gt; 15

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Met Ser Leu Pro Ile Pro Trp Leu Ser Leu Pro Pro Cys Pro Ile
  1              5              10              15
Leu Gly Gln Pro Ala Gly Leu Leu Leu Trp Leu Phe Arg Pro Phe
              20              25              30
Ser Gln Cys Cys Gln Cys Pro Trp Glu Gly Arg Ala Ser Leu Arg
              35              40              45
His Pro Asn Gly Pro Ser Gly Cys Arg Glu Ala Glu Ala Trp Pro
              50              55              60
Gln Arg Ser Leu Leu Arg Gln Gln Leu Gln Gln Ala His Pro Leu
              65              70              75
Pro Thr Leu Pro Thr Pro Glu Arg Leu Pro Glu Gln Met Leu Phe
              80              85              90
Pro Ser Ser Ser Ser Lys Pro Phe Ser Leu Leu Ser Leu Thr Ile
              95              100             105
Trp Ala Arg Leu Val Gly Arg Leu Thr Asn Arg Ile Cys Pro Val
              110             115             120
Pro Pro Gly Ser Val Ala Ser Ser Met Ser Leu Gln Ala Gly Arg
              125             130             135
Cys Gly Asn Pro Val Val Leu Pro Gln Pro Met Pro Pro Gly Leu
              140             145             150
Leu Cys Met Asn Glu Cys Ser Leu Val Pro Gly Leu Gly Arg Gly
              155             160             165
Gln Val Asn Ser Arg Val
              170

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&lt;210&gt; 16

&lt;211&gt; 78

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1603403

&lt;400&gt; 16

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Met Gly Gln Gly Ile Pro Leu Val Ser Ile Thr Ser Leu Ile Gln
  1              5              10              15
Ser Ser His Gly Thr Gly Pro Gly Met Thr Leu Gln Leu Lys Leu
              20              25              30
Lys Glu Ser Phe Leu Thr Asn Ser Ser Tyr Glu Ser Ser Phe Ile
              35              40              45
Glu Leu Leu Glu Lys Leu Cys Leu Leu Leu His Leu Pro Ser Gly
              50              55              60
Thr Ser Val Thr Leu His His Ala Arg Ser Gln His His Val Val
              65              70              75
Cys Asn Thr

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<210> 17  
 <211> 71  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 1652303

<400> 17  
 Met Lys Leu Leu Ser Cys Leu Leu Phe Leu Lys Ala Pro Leu Tyr  
   1                  5                  10                  15  
 Pro Thr Leu Cys Ser Lys Asp Pro Arg Ala Gly His Ser Leu Ile  
                   20                  25                  30  
 Cys Gly Gln Ala Gly Gln Ile Pro Glu Ala Gln Leu Gly Phe Ser  
                   35                  40                  45  
 Ser Asp Phe Lys Leu Cys Trp Cys Trp Asp Gln Gln Lys Ala Asn  
                   50                  55                  60  
 Val Gln Pro Thr His Arg Thr Val Arg Gly Leu  
                   65                  70

<210> 18  
 <211> 188  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 1693358

<400> 18  
 Met Val Pro Gly Ala Ala Gly Trp Cys Cys Leu Val Leu Trp Leu  
   1                  5                  10                  15  
 Pro Ala Cys Val Ala Ala His Gly Phe Arg Ile His Asp Tyr Leu  
                   20                  25                  30  
 Tyr Phe Gln Val Leu Ser Pro Gly Asp Ile Arg Tyr Ile Phe Thr  
                   35                  40  
 Ala Thr Pro Ala Lys Asp Phe Gly Gly Ile Phe His Thr Arg Tyr  
                   50                  55                  60  
 Glu Gln Ile His Leu Val Pro Ala Glu Pro Pro Glu Ala Cys Gly  
                   65                  70  
 Glu Leu Ser Asn Gly Phe Phe Ile Gln Asp Gln Ile Ala Leu Val  
                   80                  85                  90  
 Glu Arg Gly Gly Cys Ser Phe Leu Ser Lys Thr Arg Val Val Gln  
                   95                  100                  105  
 Glu His Gly Gly Arg Ala Val Ile Ile Ser Asp Asn Ala Val Asp  
                   110                  115                  120  
 Asp Phe Gly Ile Thr Val Gln Met Val Val Ser Gly Ile Val  
                   125                  130                  135  
 Thr Ala Asp Ile Pro Ala Leu Phe Leu Leu Gly Arg Asp Gly Tyr  
                   140                  145                  150

```

Met Ile Arg Arg Ser Leu Glu Gln His Gly Leu Pro Trp Ala Ile
      155                      160                      165
Ile Ser Ile Pro Val Asn Val Thr Ser Ile Pro Thr Phe Glu Leu
      170                      175                      180
Leu Gln Pro Pro Trp Thr Phe Trp
      185

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&lt;210&gt; 19

&lt;211&gt; 80

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1707711

&lt;400&gt; 19

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Met Lys Ala Gln Pro Leu Glu Ala Leu Leu Val Ala Leu Val
  1          5          10          15
Leu Ser Phe Cys Gly Val Trp Phe Glu Asp Trp Leu Ser Lys Trp
      20          25          30
Arg Phe Gln Cys Ile Phe Gln Leu Ala His Gln Pro Ala Leu Val
      35          40          45
Asn Ile Gln Phe Arg Gly Thr Val Leu Gly Ser Glu Thr Phe Leu
      50          55          60
Gly Ala Glu Glu Asn Ser Ala Asp Val Arg Ser Trp Gln Thr Leu
      65          70          75
Ser Tyr Phe Glu Leu
      80

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&lt;210&gt; 20

&lt;211&gt; 80

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;223&gt; Incyte Clone No: 1738735

&lt;400&gt; 20

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Met Ile Leu Leu Trp Ile Pro Ala Leu Thr Val Ala Leu Val
  1          5          10          15
Glu Ser Leu Leu Leu Ser Pro Cys Pro Gly Thr Ser Ser Thr Leu
      20          25          30
Thr Arg Thr Phe Phe Pro Ser Leu Val Ser Cys Val Gln Val Pro
      35          40          45
Phe Ser Trp Ile Pro Cys Leu Glu Cys Phe Leu Ile Tyr Phe Leu
      50          55          60
Ile Leu Ala Glu Asp Val Leu Gln Leu Phe Ser Gly Asn Ala Asn
      65          70          75
Met Gln Val Asn Gln

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80

<210> 21  
 <211> 84  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 1749147

<400> 21  
 Met Gln Arg Pro Phe Leu Ser Val Pro Cys Leu Leu Leu Leu Pro  
   1                  5                  10                  15  
 Ala Arg Val Val Trp Gly Cys Trp Cys Phe Leu Pro Gly Glu Asp  
                   20                  25                  30  
 Gly Gly Gly Cys Pro Thr Pro Ser Ser Gly Arg Ile Lys Leu Leu  
                   35                  40                  45  
 Gln Gln Cys Leu Leu His Pro Ser Leu Arg Ser Ile Thr Val Ser  
                   50                  55                  60  
 Arg Arg Ser Ala Gln Leu Leu Cys Arg Leu Lys Leu Gln Asn His  
                   65                  70                  75  
 Ile Pro Lys Val Pro Gly Lys Asn Val  
                   80

<210> 22  
 <211> 171  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 1817722

<400> 22  
 Met His Met Ile Leu Lys Val Leu Thr Thr Ala Leu Leu Leu Gln  
   1                  5                  10                  15  
 Ala Ala Ser Ala Leu Ala Asn Tyr Ile His Phe Ser Ser Tyr Ser  
                   20                  25                  30  
 Lys Asp Gly Ile Gly Val Pro Phe Met Gly Ser Leu Ala Glu Phe  
                   35                  40                  45  
 Phe Asp Ile Ala Ser Gln Ile Gln Met Leu Tyr Leu Leu Leu Ser  
                   50                  55                  60  
 Leu Cys Met Gly Trp Thr Ile Val Arg Met Lys Lys Ser Gln Ser  
                   65                  70                  75  
 Arg Pro Leu Gln Trp Asp Ser Thr Pro Ala Ser Thr Gly Ile Ala  
                   80                  85                  90  
 Val Leu Ile Met Thr Gln Ser Val Thr Ile Thr Thr Gly Gln  
                   95                  100                  105  
 Phe Glu Asp Ile Ser His His Ser Tyr His Ser His His Asn Leu  
                   110                  115                  120

Ala Gly Ile Leu	Leu Ile Val Leu Arg	Ile Cys Leu Ala Leu Ser
125	130	135
Leu Gly Cys Gly	Leu Tyr Gln Ile Ile	Thr Val Glu Arg Ser Thr
140	145	150
Leu Lys Arg Glu	Phe Tyr Ile Thr Phe	Ala Lys Val Trp Val Trp
155	160	165
Lys Glu Asn Gly	Leu Phe	
170		

&lt;210&gt; 23

&lt;211&gt; 243

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1831290

&lt;400&gt; 23

Met Ser Ser Gly Thr	Glu Leu Leu Trp Pro	Gly Ala Ala Leu Leu
1	5	10
Val Leu Leu Gly Val	Ala Ala Ser Leu Cys	Val Arg Cys Ser Arg
20	25	30
Pro Gly Ala Lys Arg	Ser Glu Lys Ile Tyr	Gln Gln Arg Ser Leu
35	40	45
Arg Glu Asp Gln Gln	Ser Phe Thr Gly Ser	Arg Thr Tyr Ser Leu
50	55	60
Val Gly Gln Ala Trp	Pro Gly Pro Leu Ala	Asp Met Ala Pro Thr
65	70	75
Arg Lys Asp Lys Leu	Leu Gln Phe Tyr Pro	Ser Leu Glu Asp Pro
80	85	90
Ala Ser Ser Arg Tyr	Gln Asn Phe Ser Lys	Gly Ser Arg His Gly
95	100	105
Ser Glu Glu Ala Tyr	Ile Asp Pro Ile Ala	Met Glu Tyr Tyr Asn
110	115	120
Trp Gly Arg Phe Ser	Lys Pro Pro Glu Asp	Asp Asp Ala Asn Ser
125	130	135
Tyr Glu Asn Val Leu	Ile Cys Lys Gln Lys	Thr Thr Glu Thr Gly
140	145	150
Leu Glu Gln Gln Gly	Ile Gly Gly Ile Tyr	Arg Gly Val Phe Leu
155	160	165
Leu Ser Leu Ala Leu	Lys Thr Gly Pro Thr	Ser Gly Leu Cys Pro
170	175	180
Ser Phe Ser Thr Gly	Gln Gln Phe Gln Gly	Val Ala Phe Ser Thr
185	190	195
Ser Ala Ser Ile His	Gln Trp Arg Glu Ser	Arg Lys Val Met Gly
200	205	210
Gln Leu Gln Arg Glu	Ala Ser Pro Gly Pro	Val Gly Ser Pro Asp
215	220	225
Glu Glu Asp Gly Glu	Pro Asp Tyr Val Asn	Gly Glu Val Ala Ala
230	235	
Thr Glu Ala		

<210> 24  
 <211> 311  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 1831477

<400> 24  
 Met Gly Val Pro Thr Ala Pro Glu Ala Gly Ser Trp Arg Trp Gly  
   1                  5                  10                  15  
 Ser Leu Leu Phe Ala Leu Phe Leu Ala Ala Ser Leu Gly Pro Val  
                   20                  25                  30  
 Ala Ala Phe Lys Val Ala Thr Pro Tyr Ser Leu Tyr Val Cys Pro  
                   35                  40                  45  
 Glu Gly Gln Asn Val Thr Leu Thr Cys Arg Leu Leu Gly Pro Val  
                   50                  55                  60  
 Asp Lys Gly His Asp Val Thr Phe Tyr Lys Thr Trp Tyr Arg Ser  
                   65                  70                  75  
 Ser Arg Gly Glu Val Gln Thr Cys Ser Glu Arg Arg Pro Ile Arg  
                   80                  85                  90  
 Asn Leu Thr Phe Gln Asp Leu His Leu His His Gly Gly His Gln  
                   95                  100                 105  
 Ala Ala Asn Thr Ser His Asp Leu Ala Gln Arg His Gly Leu Glu  
                  110                 115                 120  
 Ser Ala Ser Asp His His Gly Asn Phe Ser Ile Thr Met Arg Asn  
                  125                 130                 135  
 Leu Thr Leu Leu Asp Ser Gly Leu Tyr Cys Cys Leu Val Val Glu  
                  140                 145                 150  
 Ile Arg His His His Ser Glu His Arg Val His Gly Ala Met Glu  
                  155                 160                 165  
 Leu Gln Val Gln Thr Gly Lys Asp Ala Pro Ser Asn Cys Val Val  
                  170                 175                 180  
 Tyr Pro Ser Ser Ser Gln Glu Ser Glu Asn Ile Thr Ala Ala Ala  
                  185                 190                 195  
 Leu Ala Thr Gly Ala Cys Ile Val Gly Ile Leu Cys Leu Pro Leu  
                  200                 205                 210  
 Ile Leu Leu Leu Val Tyr Lys Gln Arg Gln Ala Ala Ser Asn Arg  
                  215                 220                 225  
 Arg Ala Gln Glu Leu Val Arg Met Asp Ser Asn Ile Gln Gly Ile  
                  230                 235                 240  
 Glu Asn Pro Gly Phe Glu Ala Ser Pro Pro Ala Gln Gly Ile Pro  
                  245                 250                 255  
 Glu Ala Lys Val Arg His Pro Leu Ser Tyr Val Ala Gln Arg Gln  
                  260                 265                 270  
 Pro Ser Glu Ser Gly Arg His Leu Leu Ser Glu Pro Ser Thr Pro  
                  275                 280                 285  
 Leu Ser Pro Pro Gly Pro Gly Asp Val Phe Phe Pro Ser Leu Asp  
                  290                 295                 300  
 Pro Val Pro Asp Ser Pro Asn Phe Glu Val Ile  
                  305                 310

<210> 25  
 <211> 57  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 1841607

<400> 25  
 Met Ala Ser Ser Cys Phe Ser Leu Ser Phe Pro Pro Leu Ser Leu  
 1 5 10 15  
 Ala Gly Ser Leu Ala Leu Trp Gly His Cys Cys Val Arg Leu Gly  
 20 25 30  
 Cys Ser Phe Trp Ser Val Ser Ala Met Ala Gln Arg Leu Pro Ser  
 35 40 45  
 Gln Asn Thr Tyr Asn Pro Pro Leu Cys Trp Ala Trp  
 50 55

<210> 26  
 <211> 82  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 1852391

<400> 26  
 Met Phe Ser Leu Phe Ser Cys Leu Leu Ala Cys Leu Leu Asp Leu  
 1 5 10 15  
 Leu Leu Ser Arg Val Ala Asp Glu Ala Phe Tyr Lys Gln Pro Phe  
 20 25 30  
 Ala Asp Val Ile Gly Tyr Val Tyr Val Ala Lys Leu Ile Pro Phe  
 35 40 45  
 Ser Thr Ser Asp Ser Phe Tyr Phe Cys Leu Glu Leu Met Leu Leu  
 50 55 60  
 Leu Cys His Gln Leu Leu Cys Phe Leu Asn Tyr Phe Lys Leu Ala  
 65 70 75  
 Leu Thr Ser Asp Ser Phe Tyr Phe Cys Leu Glu Leu Met Leu Leu  
 80

<210> 27  
 <211> 115  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 1854555

&lt;400&gt; 27

Met	Ala	Gly	Thr	Val	Leu	Gly	Val	Gly	Ala	Gly	Val	Phe	Ile	Leu
1				5					10					15
Ala	Leu	Leu	Trp	Val	Ala	Val	Leu	Leu	Leu	Cys	Val	Leu	Leu	Ser
			20						25					30
Arg	Ala	Ser	Gly	Ala	Ala	Arg	Phe	Ser	Val	Ile	Phe	Leu	Phe	Phe
			35						40					45
Gly	Ala	Val	Ile	Ile	Thr	Ser	Val	Leu	Leu	Leu	Phe	Pro	Arg	Ala
			50						55					60
Gly	Glu	Phe	Pro	Ala	Pro	Glu	Val	Glu	Val	Lys	Ile	Val	Asp	Asp
			65						70					75
Phe	Phe	Ile	Gly	Arg	Tyr	Val	Leu	Leu	Ala	Phe	Leu	Ser	Ala	Ile
			80						85					90
Phe	Leu	Gly	Gly	Leu	Phe	Leu	Val	Leu	Ile	His	Tyr	Val	Leu	Glu
			95						100					105
Pro	Ile	Tyr	Ala	Lys	Pro	Leu	His	Ser	Tyr					
			110						115					

&lt;210&gt; 28

&lt;211&gt; 327

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1855755

&lt;400&gt; 28

Met	Ala	Glu	Leu	Pro	Gly	Pro	Phe	Leu	Cys	Gly	Ala	Leu	Leu	Gly
1				5					10					15
Phe	Leu	Cys	Leu	Ser	Gly	Leu	Ala	Val	Glu	Val	Lys	Val	Pro	Thr
			20						25					30
Glu	Pro	Leu	Ser	Thr	Pro	Leu	Gly	Lys	Thr	Ala	Glu	Leu	Thr	Cys
			35						40					45
Thr	Tyr	Ser	Thr	Ser	Val	Gly	Asp	Ser	Phe	Ala	Leu	Glu	Trp	Ser
			50						55					60
Phe	Val	Gln	Pro	Gly	Lys	Pro	Ile	Ser	Glu	Ser	His	Pro	Ile	Leu
			65						70					75
Tyr	Phe	Thr	Asn	Gly	His	Leu	Tyr	Pro	Thr	Gly	Ser	Lys	Ser	Lys
Arg	Val	Ser	Leu	Leu	Gln	Asn	Pro	Pro	Thr	Val	Gly	Val	Ala	Thr
			95						100					105
Leu	Lys	Leu	Thr	Asp	Val	His	Pro	Ser	Asp	Thr	Gly	Thr	Tyr	Leu
Cys	Gln	Val	Asn	Asn	Ile	Ile	Asp	Phe	Tyr	Thr	Asn	Gly	Leu	Gly
			125						130					135
Leu	Ile	Asn	Leu	Thr	Val	Leu	Val	Pro	Pro	Ser	Asn	Pro	Leu	Cys
			140						145					150
Ser	Gln	Ser	Gly	Gln	Thr	Ser	Val	Gly	Gly	Ser	Thr	Ala	Leu	Arg
			155						160					165
Cys	Ser	Ser	Ser	Glu	Gly	Ala	Pro	Lys	Pro	Val	Thr	Asn	Trp	Val
			170						175					180
Arg	Leu	Gly	Thr	Phe	Pro	Thr	Pro	Ser	Pro	Gly	Ser	Met	Val	Gln
			185						190					195

Asp	Glu	Val	Ser	Gly	Gln	Leu	Ile	Leu	Thr	Asn	Leu	Ser	Leu	Thr
				200					205					210
Ser	Ser	Gly	Thr	Tyr	Arg	Cys	Val	Ala	Thr	Asn	Gln	Met	Gly	Ser
				215					220					225
Ala	Ser	Cys	Glu	Leu	Thr	Leu	Ser	Val	Thr	Glu	Pro	Ser	Gln	Gly
				230					235					240
Arg	Val	Ala	Gly	Ala	Leu	Ile	Gly	Val	Leu	Leu	Gly	Val	Leu	Leu
				245					250					255
Leu	Ser	Val	Ala	Ala	Phe	Cys	Leu	Val	Arg	Phe	Gln	Lys	Glu	Arg
				260					265					270
Gly	Lys	Lys	Pro	Lys	Glu	Thr	Tyr	Gly	Gly	Ser	Asp	Leu	Arg	Glu
				275					280					285
Asp	Ala	Ile	Ala	Pro	Gly	Ile	Ser	Glu	His	Thr	Cys	Met	Arg	Ala
				290					295					300
Asp	Ser	Ser	Lys	Gly	Phe	Leu	Glu	Arg	Pro	Ser	Ser	Ala	Ser	Thr
				305					310					315
Val	Thr	Thr	Thr	Lys	Ser	Lys	Leu	Pro	Met	Val	Val			
				320					325					

&lt;210&gt; 29

&lt;211&gt; 133

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1861434

&lt;400&gt; 29

Met	Arg	Met	Ser	Leu	Ala	Gln	Arg	Val	Leu	Leu	Thr	Trp	Leu	Phe
1				5					10					15
Thr	Leu	Leu	Phe	Leu	Ile	Met	Leu	Val	Leu	Lys	Leu	Asp	Glu	Lys
				20					25					30
Ala	Pro	Trp	Asn	Trp	Phe	Leu	Ile	Phe	Ile	Pro	Val	Trp	Ile	Phe
				35					40					45
Asp	Thr	Ile	Leu	Leu	Val	Leu	Leu	Ile	Val	Lys	Met	Ala	Gly	Arg
				50					55					60
Cys	Lys	Ser	Gly	Phe	Asp	Pro	Arg	His	Gly	Ser	His	Asn	Ile	Lys
				65					70					75
Lys	Lys	Val	Trp	Trp	Leu	Ile	Val	Met	Leu	Lys	Ile	His		
				80					85					90
Cys	Leu	Ala	Leu	Cys	Ala	Lys	Leu	Glu	Gln	Phe	Thr	Thr	Met	Asn
				95					100					105
				110					115					120
Leu	Thr	Glu	Leu	Gly	Tyr	Asn	Val	Phe	Phe	Val	Arg	Asp		
				125					130					

&lt;210&gt; 30

&lt;211&gt; 129

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1872334

&lt;400&gt; 30

```

Met Gly Leu Thr Leu Leu Leu Leu Leu Leu Gly Leu Glu Gly
 1           5           10           15
Gln Gly Ile Val Gly Ser Leu Pro Glu Val Leu Gln Ala Pro Val
          20           25           30
Gly Ser Ser Ile Leu Val Gln Cys His Tyr Arg Leu Gln Asp Val
          35           40           45
Lys Ala Gln Lys Val Trp Cys Arg Phe Leu Pro Glu Gly Cys Gln
          50           55           60
Pro Leu Val Ser Ser Ala Val Asp Arg Arg Ala Pro Ala Gly Arg
          65           70           75
Arg Thr Phe Leu Thr Asp Leu Gly Gly Gly Leu Leu Gln Val Glu
          80           85           90
Met Val Thr Leu Gln Glu Glu Asp Ala Gly Glu Tyr Gly Cys Met
          95          100          105
Val Asp Gly Ala Arg Gly Pro Gln Ile Leu His Arg Val Ser Leu
          110          115          120
Asn Ile Leu Pro Pro Gly Glu Leu Ser
          125

```

&lt;210&gt; 31

&lt;211&gt; 472

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1877230

&lt;400&gt; 31

```

Met Lys Phe Leu Ile Phe Ala Phe Phe Gly Gly Val His Leu Leu
 1           5           10           15
Ser Leu Cys Ser Gly Lys Ala Ile Cys Lys Asn Gly Ile Ser Lys
          20           25           30
Arg Thr Phe Glu Glu Ile Lys Glu Glu Ile Ala Ser Cys Gly Asp
          35           40           45
Val Ala Lys Ala Ile Ile Asn Leu Ala Val Tyr Gly Lys Ala Gln
          50           55           60
Asn Arg Ser Tyr Glu Arg Leu Ala Leu Leu Val Asp Thr Val Gly
          65           70           75
Pro Arg Leu Ser Gly Ser Lys Asn Leu Glu Lys Ala Ile Gln Ile
          80           85           90
Met Tyr Gln Asn Leu Gln Gln Asp Gly Leu Glu Lys Val His Leu
          95          100          105
Val Val Val Val Val Val Val Val Val Val Val Val Val Val
          110          115          120
Val Met Leu Glu Pro Arg Ile His Lys Ile Ala Ile Leu Gly Leu
          125          130          135

```

[illegible]

```
<210> 31
<211> 93
<212> PRT
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<220>  
<221> misc feature



&lt;223&gt; Incyte Clone No: 1877885

&lt;400&gt; 32

```

Met Ile His Leu Gly His Ile Leu Phe Leu Leu Leu Leu Pro Val
  1             5             10             15
Ala Ala Ala Gln Thr Thr Pro Gly Glu Arg Ser Ser Leu Pro Ala
             20             25             30
Phe Tyr Pro Gly Thr Ser Gly Ser Cys Ser Gly Cys Gly Ser Leu
             35             40             45
Ser Leu Pro Leu Leu Ala Gly Leu Val Ala Ala Asp Ala Val Ala
             50             55             60
Ser Leu Leu Ile Val Gly Ala Val Phe Leu Cys Ala Arg Pro Arg
             65             70             75
Arg Ser Pro Ala Gln Glu Asp Gly Lys Val Tyr Ile Asn Met Pro
             80             85             90
Gly Arg Gly

```

&lt;210&gt; 33

&lt;211&gt; 92

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1889269

&lt;400&gt; 33

```

Met Asn Arg Pro Ser Ala Arg Asn Ala Leu Gly Asn Val Phe Val
  1             5             10             15
Ser Glu Leu Leu Glu Thr Leu Ala Gln Leu Arg Glu Asp Arg Gln
             20             25             30
Val Arg Val Leu Leu Phe Arg Ser Gly Val Lys Gly Val Phe Cys
             35             40             45
Ala Gly Ala Asp Leu Lys Glu Arg Glu Gln Met Ser Glu Ala Glu
             50             55             60
Val Gly Val Phe Val Gln Arg Leu Arg Gly Leu Met Asn Asp Ile
             65             70             75
Gly Glu Asp Leu Gly Val Gly Trp Arg Arg Gly Phe Gly Gly Pro
             80             85             90
Gly Arg

```

&lt;210&gt; 34

&lt;210&gt; 34

&lt;211&gt; 143

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1890243

&lt;400&gt; 34

```

Met Trp Ile Lys Gly Thr Met Lys Met Arg Gly Gly Lys Thr Ser
 1          5          10          15
Arg Ser Ala Val Leu Pro Val Ala Gln Leu Thr Leu Ile Ala Ser
          20          25          30
Cys Phe Pro Asn Ser Gln Thr Val Leu Gly Thr Glu Gly Thr Leu
          35          40          45
Asp Val Glu Ser Ser Pro Leu Ala Leu Leu Thr Gly Leu Trp Ala
          50          55          60
Ser Pro Glu Ser Leu Ser Leu Tyr Leu Val Thr Leu Leu Cys Val
          65          70          75
Cys Pro Ala Leu Gln Ser Cys Gln Gly Gln Gln Ala Asp Val Thr
          80          85          90
Leu Ala Pro Cys Glu Ile Phe Ile Pro Gln Thr Leu Ala Cys Glu
          95          100          105
Pro Phe Pro Ser Gln Trp Arg Ala Leu Lys Gly Ala Ser Leu Glu
          110          115          120
Ser Ser Ser Val Leu Trp Val Ala Pro Cys Arg Trp Pro Leu Thr
          125          130          135
Leu Arg Cys Ser Arg Val His Leu
          140

```

&lt;210&gt; 35

&lt;211&gt; 89

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1900433

&lt;400&gt; 35

```

Met Glu Arg Val Thr Leu Ala Leu Leu Leu Leu Ala Gly Leu Thr
 1          5          10          15
Ala Leu Glu Ala Asn Asp Pro Phe Ala Asn Lys Asp Asp Pro Phe
          20          25          30
Tyr Tyr Asp Trp Lys Asn Leu Gln Leu Ser Gly Leu Ile Cys Gly
          35          40          45
Gly Leu Leu Ala Ile Ala Gly Ile Ala Ala Val Leu Ser Gly Lys
          50          55          60
Lys Ala Ile Pro Leu Ile Thr Pro Gly Ser Ala Thr Thr Cys
          65          70          75
          80          85

```

&lt;210&gt; 36

&lt;211&gt; 560

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1909441

&lt;400&gt; 36

Met	Ala	Lys	Lys	Lys	Leu	Thr	Glu	Met	Ile	Pro	Leu	Cys	Asn	His
1				5					10					15
Pro	Ala	Ser	Phe	Val	Lys	Leu	Phe	Val	Ala	Leu	Gly	Pro	Ile	Ala
				20					25					30
Gly	Pro	Glu	Glu	Lys	Lys	Gln	Leu	Lys	Ser	Thr	Met	Leu	Leu	Met
				35					40					45
Ser	Glu	Asp	Leu	Thr	Gly	Glu	Gln	Ala	Leu	Ala	Val	Leu	Gly	Ala
				50					55					60
Met	Gly	Asp	Met	Glu	Ser	Arg	Asn	Ser	Cys	Leu	Ile	Lys	Arg	Val
				65					70					75
Thr	Ser	Val	Leu	His	Lys	His	Leu	Asp	Gly	Tyr	Lys	Pro	Leu	Glu
				80					85					90
Leu	Leu	Lys	Ile	Thr	Gln	Glu	Leu	Thr	Phe	Leu	His	Phe	Gln	Arg
				95					100					105
Lys	Glu	Phe	Phe	Ala	Lys	Leu	Arg	Glu	Leu	Leu	Leu	Ser	Tyr	Leu
				110					115					120
Lys	Asn	Ser	Phe	Ile	Pro	Thr	Glu	Val	Ser	Val	Leu	Val	Arg	Ala
				125					130					135
Ile	Ser	Leu	Leu	Pro	Ser	Pro	His	Leu	Asp	Glu	Val	Gly	Ile	Ser
				140					145					150
Arg	Ile	Glu	Ala	Val	Leu	Pro	Gln	Cys	Asp	Leu	Asn	Asn	Leu	Ser
				155					160					165
Ser	Phe	Ala	Thr	Ser	Val	Leu	Arg	Trp	Ile	Gln	His	Asp	His	Met
				170					175					180
Tyr	Leu	Asp	Asn	Met	Thr	Ala	Lys	Gln	Leu	Lys	Leu	Leu	Gln	Lys
				185					190					195
Leu	Asp	His	Tyr	Gly	Arg	Gln	Arg	Leu	Gln	His	Ser	Asn	Ser	Leu
				200					205					210
Asp	Leu	Leu	Arg	Lys	Glu	Leu	Lys	Ser	Leu	Lys	Gly	Asn	Thr	Phe
				215					220					225
Pro	Glu	Ser	Leu	Leu	Glu	Glu	Met	Ile	Ala	Thr	Leu	Gln	His	Phe
				230					235					240
Met	Asp	Asp	Ile	Asn	Tyr	Ile	Asn	Val	Gly	Glu	Ile	Ala	Ser	Phe
				245					250					255
Ile	Ser	Ser	Thr	Asp	Tyr	Leu	Ser	Thr	Leu	Leu	Leu	Asp	Arg	Ile
				260					265					270
Ala	Ser	Val	Ala	Val	Gln	Gln	Ile	Glu	Lys	Ile	His	Pro	Phe	Thr
				275					280					285
Ile	Pro	Ala	Ile	Ile	Arg	Pro	Phe	Ser	Val	Leu	Asn	Tyr	Asp	Pro
Pro	Gln	Arg	Asp	Glu	Phe	Leu	Gly	Thr	Cys	Val	Gln	His	Leu	Asn
				305					310					315
Ser	Tyr	Leu	Gly	Ile	Leu	Asp	Pro	Phe	Ile	Leu	Val	Phe	Leu	Gly
Phe	Ser	Leu	Ala	Thr	Leu	Glu	Tyr	Phe	Pro	Glu	Asp	Leu	Leu	Lys
				335					340					345
Ala	Ile	Phe	Asn	Ile	Lys	Phe	Leu	Ala	Arg	Leu	Asp	Ser	Gln	Leu
				350					355					360
Glu	Ile	Leu	Ser	Pro	Ser	Arg	Ser	Ala	Arg	Val	Gln	Phe	His	Leu
				365					370					375
Met	Glu	Leu	Ser	Pro	Ser	Arg	Ser	Ala	Gln	Glu	Ile	Gln	Leu	Gln
				380					385					390
Ile	Pro	Trp	Phe	His	Asp	Arg	Phe	Cys	Gln	Gln	Tyr	Asn	Lys	Gly
				395					400					405

Ile Gly Gly Met	Asp Gly Thr Gln Gln Gln	Ile Phe Lys Met	Leu
410		415	420
Ala Glu Val Leu	Gly Gly Ile Asn Cys Val	Lys Ala Ser Val	Leu
425		430	435
Thr Pro Tyr Tyr	His Lys Val Asp Phe	Glu Cys Ile Leu	Asp Lys
440		445	450
Arg Lys Lys Pro	Leu Pro Tyr Gly Ser	His Asn Ile Ala	Leu Gly
455		460	465
Gln Leu Pro Glu	Met Pro Trp Glu Ser	Asn Ile Glu Ile	Val Gly
470		475	480
Ser Arg Leu Pro	Pro Gly Ala Glu Arg	Ile Ala Leu Glu	Phe Leu
485		490	495
Asp Ser Lys Ala	Leu Cys Arg Asn Ile	Pro His Met Lys	Gly Lys
500		505	510
Ser Ala Met Lys	Lys Arg His Leu Glu	Ile Leu Gly Tyr	Arg Val
515		520	525
Ile Gln Ile Ser	Gln Phe Glu Trp Asn	Ser Met Ala Leu	Ser Thr
530		535	540
Lys Asp Ala Arg	Met Asp Tyr Leu Arg	Glu Cys Ile Phe	Gly Glu
545		550	555
Val Lys Ser Cys	Leu		
560			

&lt;210&gt; 37

&lt;211&gt; 197

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1932226

&lt;400&gt; 37

Met Gly Val Pro	Leu Gly Leu Gly	Ala Ala Trp	Leu Leu Ala	Trp
1	5	10		15
Pro Gly Leu Ala	Leu Pro Leu Val	Ala Met Ala	Ala Gly Gly	Arg
20		25		30
Trp Val Arg Gln	Gln Gly Pro Arg	Val Arg Arg	Gly Ile Ser	Arg
35		40		45
Leu Trp Leu Arg	Val Leu Leu Arg	Leu Ser Ile Met	Val Ile Arg	
50		55		60
Ala Leu Gln Gly	Cys Gly Ala Val	Gly Asp Arg	Gly Leu Phe	Ala
65		70		75
Trp Val Leu Arg	Val Leu Leu Arg	Leu Ser Ile Met	Val Ile Arg	
80		85		90
Val Pro Gly Pro	Arg Arg Arg Asn	Pro Arg Thr	Thr Gln His	Pro
95		100		105
Leu Ala Leu Leu	Ala Arg Val Trp	Val Leu Cys	Lys Gly Trp	Asn
110		115		120
Trp Arg Leu Ala	Arg Ala Ser Gln	Gly Leu Ala	Ser His Leu	Pro
125		130		
Pro Trp Ala Ile	His Thr Leu Ala	Ser Trp Gly	Leu Leu Arg	Gly
140		145		150
Glu Arg Pro Thr	Arg Ile Pro Arg	Leu Leu Pro	Arg Ser Gln	Arg

	155	160	165
Gln Leu Gly Pro	Pro Ala Ser Arg Gln	Pro Leu Pro Gly Thr	Leu
	170	175	180
Ala Gly Arg Arg	Ser Arg Thr Arg Gln	Ser Arg Ala Leu Pro	Pro
	185	190	195
Trp Arg			

<210> 38  
 <211> 437  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 1932647

<400> 38  
 Met Ser Ala Val Leu Leu Leu Ala Leu Leu Gly Phe Ile Leu Pro  
 1 5 10 15  
 Leu Pro Gly Val Gln Ala Leu Leu Cys Gln Phe Gly Thr Val Gln  
 20 25 30  
 His Val Trp Lys Val Ser Asp Leu Pro Arg Gln Trp Thr Pro Lys  
 35 40 45  
 Asn Thr Ser Cys Asp Ser Gly Leu Gly Cys Gln Asp Thr Leu Met  
 50 55 60  
 Leu Ile Glu Ser Gly Pro Gln Val Ser Leu Val Leu Ser Lys Gly  
 65 70 75  
 Cys Thr Glu Ala Lys Asp Gln Glu Pro Arg Val Thr Glu His Arg  
 80 85 90  
 Met Gly Pro Gly Leu Ser Leu Ile Ser Tyr Thr Phe Val Cys Arg  
 95 100 105  
 Gln Glu Asp Phe Cys Asn Asn Leu Val Asn Ser Leu Pro Leu Trp  
 110 115 120  
 Ala Pro Gln Pro Pro Ala Asp Pro Gly Ser Leu Arg Cys Pro Val  
 125 130 135  
 Cys Leu Ser Met Glu Gly Cys Leu Glu Gly Thr Thr Glu Glu Ile  
 140 145 150  
 Cys Pro Lys Gly Thr Thr His Cys Tyr Asp Gly Leu Leu Arg Leu  
 155 160 165  
 Pro Gln Pro Gly Cys Asn Leu Leu Asn Gly Thr Gln Glu Ile Gly  
 170 175 180  
 Cys His Arg Gly Thr Thr Ile Met Thr His Gly Asn Leu Ala Gln  
 185 190 195  
 Glu Pro Thr Asp Trp Thr Thr Ser Asn Thr Glu Met Cys Glu Val  
 200 205 210  
 Gly Gln Val Cys Gln Glu Thr Leu Leu Ile Asp Val Gly Leu  
 215 220 225  
 Thr Ser Thr Leu Val Gly Thr Lys Gly Cys Ser Thr Val Gly Ala  
 230 235 240  
 Gln Asn Ser Gln Lys Thr Thr Ile His Ser Ala Pro Pro Gly Val  
 245 250 255  
 260 265 270

	275	280	285
Leu Val Ala Ser Tyr Thr His Phe Cys Ser Ser Asp Leu Cys Asn			
	290	295	300
Ser Ala Ser Ser Ser Ser Val Leu Leu Asn Ser Leu Pro Pro Gln			
	305	310	315
Ala Ala Pro Val Pro Gly Asp Arg Gln Cys Pro Thr Cys Val Gln			
	320	325	330
Pro Leu Gly Thr Cys Ser Ser Gly Ser Pro Arg Met Thr Cys Pro			
	335	340	345
Arg Gly Ala Thr His Cys Tyr Asp Gly Tyr Ile His Leu Ser Gly			
	350	355	360
Gly Gly Leu Ser Thr Lys Met Ser Ile Gln Gly Cys Val Ala Gln			
	365	370	375
Pro Ser Ser Phe Leu Leu Asn His Thr Arg Gln Ile Gly Ile Phe			
	380	385	390
Ser Ala Arg Glu Lys Arg Asp Val Gln Pro Pro Ala Ser Gln His			
	395	400	405
Glu Gly Gly Gly Ala Glu Gly Leu Glu Ser Leu Thr Trp Gly Val			
	410	415	420
Gly Leu Ala Leu Ala Pro Ala Leu Trp Trp Gly Val Val Cys Pro			
	425	430	435
Ser Cys			

<210> 39  
 <211> 330  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 2124245

<400> 39  
 Met Glu Gly Ala Pro Pro Gly Ser Leu Ala Leu Arg Leu Leu Leu  
 1 5 10 15  
 Phe Val Ala Leu Pro Ala Ser Gly Trp Leu Thr Thr Gly Ala Pro  
 20 25 30  
 Glu Pro Pro Pro Leu Ser Gly Ala Pro Gln Asp Gly Ile Arg Ile  
 35 40 45  
 Asn Val Thr Thr Leu Lys Asp Trp Gly Asp Ile Ser Lys Gln Gln  
 50 55 60  
 Val Val Leu Asn Ile Thr Tyr Glu Ser Gly Gln Val Tyr Val Asn  
 65 70 75  
 Leu Val Thr Thr Thr Thr Thr Thr Thr Thr Thr Thr Thr Thr  
 80 85 90  
 Leu Ile Val Lys Asn Glu Asn Leu Glu Asn Leu Glu Glu Lys Glu  
 95 100 105  
 Tyr Phe Gly Ile Val Ser Val Arg Ile Leu Val His Gln Trp Pro  
 110 115 120  
 Met Thr Ser Gly Ser Ser Leu Gln Leu Ile Val Ile Gln Glu Glu  
 125 130 135  
 Val Val Glu Ile Asp Gly Lys Gln Val Gln Gln Lys Asp Val Thr  
 140 145 150  
 Glu Ile Asp Ile Leu Val Lys Asn Arg Gly Val Leu Arg His Ser

	155	160	165
Asn Tyr Thr Leu	Pro Leu Glu Glu Ser	Met Leu Tyr Ser Ile	Ser
	170	175	180
Arg Asp Ser Asp	Ile Leu Phe Thr Leu	Pro Asn Leu Ser Lys	Lys
	185	190	195
Glu Ser Val Ser	Ser Leu Gln Thr Thr	Ser Gln Tyr Leu Ile	Arg
	200	205	210
Asn Val Glu Thr	Thr Val Asp Glu Asp	Val Leu Pro Gly Lys	Leu
	215	220	225
Pro Glu Thr Pro	Leu Arg Ala Glu Pro	Pro Ser Ser Tyr Lys	Val
	230	235	240
Met Cys Gln Trp	Met Glu Lys Phe Arg	Lys Asp Leu Cys Arg	Phe
	245	250	255
Trp Ser Asn Val	Phe Pro Val Phe Phe	Gln Phe Leu Asn Ile	Met
	260	265	270
Val Val Gly Ile	Thr Gly Ala Ala Val	Val Ile Thr Ile Leu	Lys
	275	280	285
Val Phe Phe Pro	Val Ser Glu Tyr Lys	Gly Ile Leu Gln Leu	Asp
	290	295	300
Lys Val Asp Val	Ile Pro Val Thr Ala	Ile Asn Leu Tyr Pro	Asp
	305	310	315
Gly Pro Glu Lys	Arg Ala Glu Asn Leu	Glu Asp Lys Thr Cys	Ile
	320	325	330

<210> 40  
 <211> 148  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 2132626

<400> 40  
 Met Glu Thr Gly Ala Leu Arg Arg Pro Gln Leu Leu Pro Leu Leu  
 1 5 10 15  
 Leu Leu Leu Cys Gly Gly Cys Pro Arg Ala Gly Gly Cys Asn Glu  
 20 25 30  
 Thr Gly Met Leu Glu Arg Leu Pro Leu Cys Gly Lys Ala Phe Ala  
 35 40 45  
 Asp Met Met Gly Lys Val Asp Val Trp Lys Trp Cys Asn Leu Ser  
 50 55 60  
 Glu Phe Ile Val Tyr Tyr Glu Ser Phe Thr Asn Cys Thr Glu Met  
 65 70 75  
 Glu Ala Asn Val Val Gly Cys Tyr Trp Pro Asn Pro Leu Ala Gln  
 80 85 90  
 Gly Phe Ile Thr Gly Ile His Arg Gln Phe Phe Ser Asn Cys Thr  
 95 100 105  
 Val Asp Arg Val His Leu Glu Asp Pro Pro Asp Glu Val Leu Ile  
 110 115 120  
 Phe Leu Ile Val Ile Pro Val Val Ile Thr Val Phe Met Ile Gly  
 125 130 135  
 Leu Val Val Trp Arg Ser Lys Arg Thr Asp Thr Leu Leu  
 140 145

<210> 41  
 <211> 188  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 2280639

<400> 41  
 Met Ala Pro Pro Pro Pro Ser Pro Gln Leu Leu Leu Leu Ala Ala  
   1                  5                  10                  15  
 Leu Ala Arg Leu Leu Gly Pro Ser Glu Val Met Ala Gly Pro Ala  
                   20                  25                  30  
 Glu Glu Ala Gly Ala His Cys Pro Glu Ser Leu Trp Pro Leu Pro  
                   35                  40                  45  
 Pro Gln Val Ser Pro Arg Val Thr Tyr Thr Arg Val Ser Pro Gly  
                   50                  55                  60  
 Gln Ala Glu Asp Val Thr Phe Leu Tyr His Pro Cys Ala His Pro  
                   65                  70                  75  
 Trp Leu Lys Leu Gln Leu Ala Leu Leu Ala Tyr Ala Cys Met Ala  
                   80                  85                  90  
 Asn Pro Ser Leu Thr Pro Asp Phe Ser Leu Thr Gln Asp Arg Pro  
                   95                  100                 105  
 Leu Val Leu Thr Ala Trp Gly Leu Ala Leu Glu Met Ala Trp Val  
                  110                 115                 120  
 Glu Pro Ala Trp Ala Ala His Trp Leu Met Arg Arg Arg Arg Arg  
                  125                 130                 135  
 Lys Gln Arg Lys Lys Lys Ala Trp Ile Tyr Cys Glu Ser Leu Ser  
                  140                 145                 150  
 Gly Pro Ala Pro Ser Glu Pro Thr Pro Gly Arg Gly Arg Leu Cys  
                  155                 160                 165  
 Arg Arg Gly Cys Val Gln Ala Leu Ala Leu Ala Phe Ala Leu Arg  
                  170                 175                 180  
 Thr Gly Gly Pro Leu Ala Gln Arg  
                  185

<210> 42  
 <211> 222  
 <212> PRT

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 2292356

<400> 42  
 Leu Thr Ser Leu Thr Ser Thr Ser Thr Ser Thr Ser Thr Ser Thr  
   1                  5                  10                 15  
 Leu Gly Ala Pro Val Ala Ala Phe Ser Pro Glu Pro Gly Leu Glu  
                  20                 25                 30



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Pro Trp Lys Glu Ala Leu Val Arg Pro Pro Gly Ser Tyr Ser Ser
      35                      40                      45
Ser Ser Asn Ser Gly Asp Trp Gly Trp Asp Leu Ala Ser Asp Gln
      50                      55                      60
Ser Ser Pro Ser Thr Pro Ser Pro Pro Leu Pro Pro Glu Ala Ala
      65                      70                      75
His Phe Leu Phe Gly Glu Pro Thr Leu Arg Lys Arg Lys Ser Pro
      80                      85                      90
Ala Gln Val Met Phe Gln Cys Leu Trp Lys Ser Cys Gly Lys Val
      95                      100                     105
Leu Ser Thr Ala Ser Ala Met Gln Arg His Ile Arg Leu Val His
     110                      115                     120
Leu Gly Cys Gly Gly Ala Trp Gly Ala Ala Gly Pro Ala Gly Trp
     125                      130                     135
Leu Gly Leu Leu Gly Pro Ala Arg Pro Pro Leu Gln Leu Pro Leu
     140                      145                     150
Ala Gly Cys Val Ser Arg Arg Arg Gln Ala Glu Pro Glu Gln Ser
     155                      160                     165
Asp Gly Glu Glu Asp Phe Tyr Tyr Thr Glu Leu Asp Val Gly Val
     170                      175                     180
Asp Thr Leu Thr Asp Gly Leu Ser Ser Leu Thr Pro Val Phe Pro
     185                      190                     195
Glu Gly Phe His Ala Ser Leu Pro Ser Pro Ala Leu Lys Leu Arg
     200                      205                     210
Arg Leu Gly Gly Thr Arg Gln Pro Arg Gln Tyr Pro
     215                      220

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&lt;210&gt; 43

&lt;211&gt; 111

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2349310

&lt;400&gt; 43

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Met Gly Pro Ser Ser Cys Leu Leu Leu Ile Leu Ile Pro Leu Leu
  1                      5                      10                      15
Gln Asp Ile Ala Ile Ser Thr Thr Thr Thr Thr Thr Thr Thr Thr
      20                      25                      30
Met Asp Lys Lys Ile Lys Asp Val Leu Asn Ser Leu Glu Tyr Ser
      35                      40                      45
Ser Ser Ser Ser Ser Ser Ser Ser Ser Ser Ser Ser Ser Ser Ser
      50                      55                      60
Gln Gly Arg Pro Ser Ser Cys Pro Ala Gly Met Ala Val Thr Gly
      65                      70                      75
Cys Ala Cys Gly Tyr Gly Cys Gly Ser Trp Asp Val Gln Leu Glu
      80                      85                      90
Thr Thr Cys His Cys Gln Cys Ser Val Val Asp Trp Thr Thr Ala
      95                      100                     105
Arg Cys Cys His Leu Thr
     110

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<210> 44  
 <211> 341  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 2373227

<400> 44

Met Val Pro Ala Ala Gly Ala Leu Leu Trp Val Leu Leu Leu Asn		
1	5	10 15
Leu Gly Pro Arg Ala Ala Gly Ala Gln Gly Leu Thr Gln Thr Pro		
	20	25 30
Thr Glu Met Gln Arg Val Ser Leu Arg Phe Gly Gly Pro Met Thr		
	35	40 45
Arg Ser Tyr Arg Ser Thr Ala Arg Thr Gly Leu Pro Arg Lys Thr		
	50	55 60
Arg Ile Ile Leu Glu Asp Glu Asn Asp Ala Met Ala Asp Ala Asp		
	65	70 75
Arg Leu Ala Gly Pro Ala Ala Ala Glu Leu Leu Ala Ala Thr Val		
	80	85 90
Ser Thr Gly Phe Ser Arg Ser Ser Ala Ile Asn Glu Glu Asp Gly		
	95	100 105
Ser Ser Glu Glu Gly Val Val Ile Asn Ala Gly Lys Asp Ser Thr		
	110	115 120
Ser Arg Glu Leu Pro Ser Ala Thr Pro Asn Thr Ala Gly Ser Ser		
	125	130 135
Ser Thr Arg Phe Ile Ala Asn Ser Gln Glu Pro Glu Ile Arg Leu		
	140	145 150
Thr Ser Ser Leu Pro Arg Ser Pro Gly Arg Ser Thr Glu Asp Leu		
	155	160 165
Pro Gly Ser Gln Ala Thr Leu Ser Gln Trp Ser Thr Pro Gly Ser		
	170	175 180
Thr Pro Ser Arg Trp Pro Ser Pro Ser Pro Thr Ala Met Pro Ser		
	185	190 195
Pro Glu Asp Leu Arg Leu Val Leu Met Pro Trp Gly Pro Trp His		
	200	205 210
Cys His Cys Lys Ser Gly Thr Met Ser Arg Ser Arg Ser Gly Lys		
	215	220 225
Leu Thr Gly Thr Thr Thr Thr Thr Thr Thr Thr Thr Thr Thr		
	230	235 240
Leu Arg Thr Glu His Lys Pro Cys Thr Tyr Gln Gln Cys Pro Cys		
	245	250 255
Leu Thr Thr Thr Thr Thr Thr Thr Thr Thr Thr Thr Thr Thr		
	260	265 270
Asp Thr Asn Cys Ala Ser Gln Ser Thr Thr Ser Thr Arg Thr Thr		
	275	280 285
Thr Thr Pro Phe Pro Thr Ile His Leu Arg Ser Ser Pro Ser Leu		
	290	295 300
Pro Pro Ala Ser Pro Cys Pro Ala Leu Ala Phe Trp Lys Arg Val		
	305	310 315
Arg Ile Gly Leu Glu Asp Ile Trp Asn Ser Leu Ser Ser Val Phe		
	320	325 330
Thr Glu Met Gln Pro Ile Asp Arg Asn Gln Arg		

335

340

<210> 45  
 <211> 148  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 2457682

<400> 45  
 Met Ala Gly Leu Ala Ala Arg Leu Val Leu Leu Ala Gly Ala Ala  
   1                  5                  10                  15  
 Ala Leu Ala Ser Gly Ser Gln Gly Asp Arg Glu Pro Val Tyr Arg  
                   20                  25                  30  
 Asp Cys Val Leu Gln Cys Glu Glu Gln Asn Cys Ser Gly Gly Ala  
                   35                  40                  45  
 Leu Asn His Phe Arg Ser Arg Gln Pro Ile Tyr Met Ser Leu Ala  
                   50                  55                  60  
 Gly Trp Thr Cys Arg Asp Asp Cys Lys Tyr Glu Cys Met Trp Val  
                   65                  70                  75  
 Thr Val Gly Leu Tyr Leu Gln Glu Gly His Lys Val Pro Gln Phe  
                   80                  85                  90  
 His Gly Lys Trp Pro Phe Ser Arg Phe Leu Phe Phe Gln Glu Pro  
                   95                  100                 105  
 Ala Ser Ala Val Ala Ser Phe Leu Asn Gly Leu Ala Ser Leu Val  
                  110                 115                 120  
 Met Leu Cys Arg Tyr Arg Thr Phe Val Pro Ala Ser Ser Pro Met  
                  125                 130                 135  
 Tyr His Thr Cys Val Ala Phe Ala Trp Leu Ser Gly Arg  
                  140                 145

<210> 46  
 <211> 87  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 2457682

<400> 46  
 Met Arg Pro Leu Leu Val Leu Leu Leu Leu Gly Leu Ala Ala Gly  
   1                  5                  10                  15  
 Ser Pro Pro Leu Asp Asp Asn Lys Ile Pro Ser Leu Cys Pro Gly  
                   20                  25                  30  
 Leu Ala Gly Pro Leu Gly Asp Ile Leu Pro Leu Gly Ala Val Gly  
                   35                  40                  45  
 Pro Ala Gly Pro Thr Gly Leu Ala Gly Glu Cys Ser Val Pro Pro  
                   50                  55                  60

Arg Ser Ala Phe Ser Ala Lys Arg Ser Glu Ile Arg Val Pro Pro  
 65 70 75  
 Leu Ser Asp Ala Pro Leu Pro Ser Thr Ala Cys Trp  
 80 85

<210> 47  
 <211> 383  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 2503743

<400> 47  
 Met Ala Gly Ile Pro Gly Leu Leu Phe Leu Leu Phe Phe Leu Leu  
 1 5 10 15  
 Cys Ala Val Gly Gln Val Ser Pro Tyr Ser Ala Pro Trp Lys Pro  
 20 25 30  
 Thr Trp Pro Ala Tyr Arg Leu Pro Val Val Leu Pro Gln Ser Thr  
 35 40 45  
 Leu Asn Leu Ala Lys Pro Asp Phe Gly Ala Glu Ala Lys Leu Glu  
 50 55 60  
 Val Ser Ser Ser Cys Gly Pro Gln Cys His Lys Gly Thr Pro Leu  
 65 70 75  
 Pro Thr Tyr Glu Glu Ala Lys Gln Tyr Leu Ser Tyr Glu Thr Leu  
 80 85 90  
 Tyr Ala Asn Gly Ser Arg Thr Glu Thr Gln Val Gly Ile Tyr Ile  
 95 100 105  
 Leu Ser Ser Ser Gly Asp Gly Ala Gln His Arg Asp Ser Gly Ser  
 110 115 120  
 Ser Gly Lys Ser Arg Arg Lys Arg Gln Ile Tyr Gly Tyr Asp Ser  
 125 130 135  
 Arg Phe Ser Ile Phe Gly Lys Asp Phe Leu Leu Asn Tyr Pro Phe  
 140 145 150  
 Ser Thr Ser Val Lys Leu Ser Thr Gly Cys Thr Gly Thr Leu Val  
 155 160 165  
 Ala Glu Lys His Val Leu Thr Ala Ala His Cys Ile His Asp Gly  
 170 175 180  
 Lys Pro Lys Phe Lys Asp Gly Gly Arg Gly Ala Asn Asp Ser Thr  
 185 190 195  
 Lys Pro Lys Phe Lys Asp Gly Gly Arg Gly Ala Asn Asp Ser Thr  
 200 205 210  
 Arg Thr His Val Pro Lys Gly Trp Ile Lys Gly Asn Ala Asn Asp  
 215 220 225  
 Arg Thr His Val Pro Lys Gly Trp Ile Lys Gly Asn Ala Asn Asp  
 230 235 240  
 Ile Gly Met Asn Tyr Asp Tyr Ala Leu Leu Glu Leu Lys Lys Pro  
 245 250 255  
 His Lys Arg Lys Phe Met Lys Ile Gly Val Ser Pro Pro Ala Lys  
 260 265 270  
 Gln Leu Pro Gly Gly Arg Ile His Phe Ser Gly Tyr Asp Asn Asp  
 275 280 285  
 Arg Pro Gly Asn Leu Val Tyr Arg Phe Cys Asp Val Lys Asp Glu

290	295	300
Thr Tyr Asp Leu Leu Tyr Gln Gln Cys	Asp Ala Gln Pro Gly Ala	
305	310	315
Ser Gly Ser Gly Val Tyr Val Arg Met	Trp Lys Arg Gln Gln Gln	
320	325	330
Lys Trp Glu Arg Lys Ile Ile Gly Ile	Phe Ser Gly His Gln Trp	
335	340	345
Val Asp Met Asn Gly Ser Pro Gln Asp	Phe Asn Val Ala Val Arg	
350	355	360
Ile Thr Pro Leu Lys Tyr Ala Gln Ile	Cys Tyr Trp Ile Lys Gly	
365	370	375
Asn Tyr Leu Asp Cys Arg Glu Gly		
380		

<210> 48  
 <211> 109  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 2537684

<400> 48  
 Met Leu Leu Pro Ala Leu Cys Ala Trp Leu Leu Trp Val Pro Trp  
 1 5 10 15  
 Cys Leu Leu Val Ala Gly Ser Gly Arg Ser Gly Gly Glu Leu Cys  
 20 25 30  
 Cys Ser Ser Tyr Gly Val Ser Val Ile Ser Val Trp Ser Lys Cys  
 35 40 45  
 Ser Val Cys Arg Cys Leu Met Gly Ser Val Pro Arg Ile Phe Phe  
 50 55 60  
 Ala Phe Tyr Pro Ile Ala Trp Leu Pro Leu Pro Gly Ser Gln Gly  
 65 70 75  
 Cys Trp Ser Arg Ser Trp Glu Trp Pro Leu Val Glu Pro Ala Ser  
 80 85 90  
 Cys Leu Val Cys Leu Cys Phe Thr Phe Gly Val Leu Ser Gly Val  
 95 100 105  
 Val Ala Val Lys

<211> 185  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 2593853

<400> 49  
 Met Lys Phe Thr Ile Val Phe Ala Gly Leu Leu Gly Val Phe Leu

1	5	10	15
Ala Pro Ala Leu	Ala Asn Tyr Asn Ile	Asn Val Asn Asp Asp	Asn
	20	25	30
Asn Asn Ala Gly	Ser Gly Gln Gln Ser	Val Ser Val Asn Asn	Glu
	35	40	45
His Asn Val Ala	Asn Val Asp Asn Asn Asn	Gly Trp Asp Ser	Trp
	50	55	60
Asn Ser Ile Trp	Asp Tyr Gly Asn Gly Phe	Ala Ala Thr Arg	Leu
	65	70	75
Phe Gln Lys Lys	Thr Cys Ile Val His	Lys Met Asn Lys	Glu Val
	80	85	90
Met Pro Ser Ile	Gln Ser Leu Asp Ala	Leu Val Lys Glu	Lys Lys
	95	100	105
Leu Gln Gly Lys	Gly Pro Gly Gly Pro	Pro Pro Lys Gly	Leu Met
	110	115	120
Tyr Ser Val Asn	Pro Asn Lys Val Asp	Asp Leu Ser Lys	Phe Gly
	125	130	135
Lys Asn Ile Ala	Asn Met Cys Arg Gly	Ile Pro Thr Tyr	Met Ala
	140	145	150
Glu Glu Met Gln	Glu Ala Ser Leu Phe	Phe Tyr Ser Gly	Thr Cys
	155	160	165
Tyr Thr Thr Ser	Val Leu Trp Ile Val	Asp Ile Ser Phe	Cys Gly
	170	175	180
Asp Thr Val Glu	Asn		
	185		

<210> 50  
 <211> 110  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 2622354

<400> 50  
 Met Ala Pro Arg Gly Cys Ile Val Ala Val Phe Ala Ile Phe Cys  
 1 5 10 15  
 Ile Ser Arg Leu Leu Cys Ser His Gly Ala Pro Val Ala Pro Met  
 20 25 30 35 40 45  
 Thr Pro Tyr Leu Met Leu Cys Gln Pro His Lys Arg Cys Gly Asp  
 50 55 60 65 70 75  
 Val Cys Phe Glu Gln Cys Cys Pro Trp Thr Phe Met Val Lys Leu  
 80 85 90 95 100 105  
 Ile Asn Gln Asn Cys Asp Ser Ala Arg Thr Ser Asp Asp Arg Leu  
 110

<210> 51  
 <211> 126  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 2641377

<400> 51  
 Met Trp Leu Gly Ser Trp Leu Thr Ser Leu Leu Leu Ser Pro Tyr  
   1                  5                  10                  15  
 Gly Ser Gly Trp Glu Lys Val Pro Cys Cys Val Thr Gly His Leu  
                   20                  25                  30  
 Arg Ser Cys Ser Cys Cys Leu Leu Gly Leu Ala Gly Val Gln Ser  
                   35                  40                  45  
 Asp His Phe Ser Glu Gly Phe Phe Ser Glu Tyr Ser Ser Asp Val  
                   50                  55                  60  
 Leu Pro Trp Gly Arg Arg Ser Phe Leu Pro Gln Gly Asp Ala Ser  
                   65                  70                  75  
 Leu Leu Ala Cys Glu Cys Phe Leu His Leu Gln Val Val Trp Gly  
                   80                  85                  90  
 Gln Phe Cys Leu Leu Glu Ala Trp Ala Gly Phe Thr Glu Gly Ser  
                   95                  100                 105  
 Met Pro Ala Pro Ser Cys Arg Val His Phe Trp Cys Arg Val Asn  
                  110                 115                 120  
 Thr Cys Ala Phe Met Ser  
                  125

<210> 52  
 <211> 488  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 2674857

<400> 52  
 Met Ala Gly Lys Gly Ser Ser Gly Arg Arg Pro Leu Leu Leu Gly  
   1                  5                  10                  15  
 Leu Leu Val Ala Val Ala Thr Val His Leu Val Ile Cys Pro Tyr  
                   20                  25                  30  
 Thr Lys Val Glu Glu Ser Phe Asn Leu Gln Ala Thr His Asp Leu  
                   35                  40                  45  
 Leu Tyr His Trp Gln Asp Leu Glu Gln Tyr Asp His Leu Glu Phe  
                   50                  55                  60  
 Pro Gly Val Val Pro Arg Thr Phe Leu Gly Pro Val Val Ile Ala  
                   65                  70                  75  
 Val Phe Ser Ser Phe Val Thr Val Val Val Val Val Val Val Val  
                   80                  85                  90  
 Ser Lys Phe Tyr Ser Gln Leu Ile Val Arg Gly Val Leu Gly Leu  
                   95                 100                 105

Gly Val Ile Phe	Gly Leu Trp Thr Leu	Gln Lys Glu Val Arg	Arg
110		115	120
His Phe Gly Ala	Met Val Ala Thr Met	Phe Cys Trp Val Thr	Ala
125		130	135
Met Gln Phe His	Leu Met Phe Tyr Cys	Thr Arg Thr Leu Pro	Asn
140		145	150
Val Leu Ala Leu	Pro Val Val Leu Leu	Ala Leu Ala Ala Trp	Leu
155		160	165
Arg His Glu Trp	Ala Arg Phe Ile Trp	Leu Ser Ala Phe Ala	Ile
170		175	180
Ile Val Phe Arg	Val Glu Leu Cys Leu	Phe Leu Gly Leu Leu	Leu
185		190	195
Leu Leu Ala Leu	Gly Asn Arg Lys Val	Ser Val Val Arg Ala	Leu
200		205	210
Arg His Ala Val	Pro Ala Gly Ile Leu	Cys Leu Gly Leu Thr	Val
215		220	225
Ala Val Asp Ser	Tyr Phe Trp Arg Gln	Leu Thr Trp Pro Glu	Gly
230		235	240
Lys Val Leu Trp	Tyr Asn Thr Val Leu	Asn Lys Ser Ser Asn	Trp
245		250	255
Gly Thr Ser Pro	Leu Leu Trp Tyr Phe	Tyr Ser Ala Leu Pro	Arg
260		265	270
Gly Leu Gly Cys	Ser Leu Leu Phe Ile	Pro Leu Gly Leu Val	Asp
275		280	285
Arg Arg Thr His	Ala Pro Thr Val Leu	Ala Leu Gly Phe Met	Ala
290		295	300
Leu Tyr Ser Leu	Leu Pro His Lys Glu	Leu Arg Phe Ile Ile	Tyr
305		310	315
Ala Phe Pro Met	Leu Asn Ile Thr Ala	Ala Arg Gly Cys Ser	Tyr
320		325	330
Leu Leu Asn Asn	Tyr Lys Lys Ser Trp	Leu Tyr Lys Ala Gly	Ser
335		340	345
Leu Leu Val Ile	Gly His Leu Val Val	Asn Ala Ala Tyr Ser	Ala
350		355	360
Thr Ala Leu Tyr	Val Ser His Phe Asn	Tyr Pro Gly Gly Val	Ala
365		370	375
Met Gln Arg Leu	His Gln Leu Val Pro	Pro Gln Thr Asp Val	Leu
380		385	390
Leu His Ile Asp	Val Ala Ala Ala Gln	Thr Gly Val Ser Arg	Phe
395		400	405
Leu Gln Val Asn	Ser Ala Trp Arg Tyr	Asp Lys Arg Glu Asp	Val
410		415	420
		425	430
		435	440
Ala Ala Pro Gly	Leu Leu Ala Leu Tyr	Arg Asp Thr His Arg	Val
440		445	450
		455	460
		465	470
Gln Leu Pro Pro	Phe Asn Val His Leu	Gln Thr Lys Leu Val	Leu
470		475	480
Leu Glu Arg Leu	Pro Arg Pro Ser		
485			



&lt;211&gt; 197

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2758485

&lt;400&gt; 53

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Met Ser Pro Arg Arg Thr Leu Pro Arg Pro Leu Ser Leu Cys Leu
 1          5          10          15
Ser Leu Cys Leu Cys Leu Cys Leu Ala Ala Ala Leu Gly Ser Ala
          20          25          30
Gln Ser Gly Ser Cys Arg Asp Lys Lys Asn Cys Lys Val Val Phe
          35          40          45
Ser Gln Gln Glu Leu Arg Lys Arg Leu Thr Pro Leu Gln Tyr His
          50          55          60
Val Thr Gln Glu Lys Gly Thr Glu Ser Ala Phe Glu Gly Glu Tyr
          65          70          75
Thr His His Lys Asp Pro Gly Ile Tyr Lys Cys Val Val Cys Gly
          80          85          90
Thr Pro Leu Phe Lys Ser Glu Thr Lys Phe Asp Ser Gly Ser Gly
          95          100          105
Trp Pro Ser Phe His Asp Val Ile Asn Ser Glu Ala Ile Thr Phe
          110          115          120
Thr Asp Asp Phe Ser Tyr Gly Met His Arg Val Glu Thr Ser Cys
          125          130          135
Ser Gln Cys Gly Ala His Leu Gly His Ile Phe Asp Asp Gly Pro
          140          145          150
Arg Pro Thr Gly Lys Arg Tyr Cys Ile Asn Ser Ala Ala Leu Ser
          155          160          165
Phe Thr Pro Ala Asp Ser Ser Gly Thr Ala Glu Gly Gly Ser Gly
          170          175          180
Val Ala Ser Pro Ala Gln Ala Asp Lys Ala Asp Ser Glu Ser Asn
          185          190          195
Gly Glu

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&lt;210&gt; 54

&lt;211&gt; 84

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;223&gt; Incyte Clone No: 2783298

&lt;400&gt; 54

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Met Thr Pro Gln Ser Leu Leu Gln Thr Thr Leu Phe Leu Leu Ser
 1          5          10          15
Leu Leu Phe Leu Val Gln Gly Ala His Gly Arg Gly His Arg Glu
          20          25
Asp Phe Arg Phe Cys Ser Gln Arg Asn Gln Thr His Arg Ser Ser
          35          40          45
Leu His Tyr Tyr Trp Ser Met Arg Leu Gln Ala Arg Gly Gly Pro

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	50		55		60
Ser	Pro	Leu	Lys	Ser	Asn
Ser	Asn	Ser	Asp	Ser	Ala
Arg	Leu	Pro	Ile	Ser	
	65		70		75
Ser	Gly	Ser	Thr	Ser	Ser
Ser	Arg	Ile			
	80				

<210> 55  
 <211> 97  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 2779436

<400> 55  
 Met Gln Leu Gly Thr Gly Leu Leu Leu Ala Ala Val Leu Ser Leu  
 1 5 10 15  
 Gln Leu Ala Ala Ala Glu Ala Ile Trp Cys His Gln Cys Thr Gly  
 20 25 30  
 Phe Gly Gly Cys Ser His Gly Ser Arg Cys Leu Arg Asp Ser Thr  
 35 40 45  
 His Cys Val Thr Thr Ala Thr Arg Val Leu Ser Asn Thr Glu Asp  
 50 55 60  
 Leu Pro Leu Val Thr Lys Met Cys His Ile Gly Cys Pro Asp Ile  
 65 70 75  
 Pro Ser Leu Gly Leu Gly Pro Tyr Val Ser Ile Ala Cys Cys Gln  
 80 85 90  
 Thr Ser Leu Cys Asn His Asp  
 95

<210> 56  
 <211> 140  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 2808528

Met Ala Ala Ser Leu Gly Gln Val Leu Ala Leu Val Leu Val Ala  
 1 5 10 15  
 Ala Leu Trp Gly Gly Thr Gln Pro Leu Leu Lys Arg Ala Ser Ala  
 20 25 30  
 Gly Leu Gln Arg Val His Glu Pro Thr Trp Ala Gln Gln Leu Leu  
 35 40 45  
 Phe Leu Leu Asn Gln Cys Gly Ser Leu Leu Tyr Tyr Leu Thr Leu  
 50 55 60  
 65 70 75

Ala	Ser	Thr	Asp	Leu	Thr	Leu	Ala	Val	Pro	Ile	Cys	Asn	Ser	Leu
				80						85				90
Ala	Ile	Ile	Phe	Thr	Leu	Ile	Val	Gly	Lys	Ala	Leu	Gly	Glu	Asp
				95					100					105
Ile	Gly	Gly	Lys	Arg	Ala	Val	Ala	Gly	Met	Val	Leu	Thr	Val	Ile
				110					115					120
Gly	Ile	Ser	Leu	Cys	Ile	Thr	Ser	Ser	Val	Ser	Lys	Thr	Gln	Gly
				125					130					135
Gln	Gln	Ser	Thr	Leu										
				140										

<210> 57  
 <211> 285  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 2809230

<400> 57

Met	Glu	Val	Pro	Pro	Pro	Ala	Pro	Arg	Ser	Phe	Leu	Cys	Arg	Ala
1				5					10					15
Leu	Cys	Leu	Phe	Pro	Arg	Val	Phe	Ala	Ala	Glu	Ala	Val	Thr	Ala
				20					25					30
Asp	Ser	Glu	Val	Leu	Glu	Glu	Arg	Gln	Lys	Arg	Leu	Pro	Tyr	Val
				35					40					45
Pro	Glu	Pro	Tyr	Tyr	Pro	Glu	Ser	Gly	Trp	Asp	Arg	Leu	Arg	Glu
				50					55					60
Leu	Phe	Gly	Lys	Asp	Glu	Gln	Gln	Arg	Ile	Ser	Lys	Asp	Leu	Ala
				65					70					75
Asn	Ile	Cys	Lys	Thr	Ala	Ala	Thr	Ala	Gly	Ile	Ile	Gly	Trp	Val
				80					85					90
Tyr	Gly	Gly	Ile	Pro	Ala	Phe	Ile	His	Ala	Lys	Gln	Gln	Tyr	Ile
				95					100					105
Glu	Gln	Ser	Gln	Ala	Glu	Ile	Tyr	His	Asn	Arg	Phe	Asp	Ala	Val
				110					115					120
Gln	Ser	Ala	His	Arg	Ala	Ala	Thr	Arg	Gly	Phe	Ile	Arg	Tyr	Gly
				125					130					135
Thr	Val	Asn	Thr	Ser	Leu	Asn	Val	Tyr	Arg	Asn	Lys	Asp	Ala	Leu
				140					145					150
Thr	Val	Asn	Thr	Ser	Leu	Asn	Val	Tyr	Arg	Asn	Lys	Asp	Ala	Leu
				155					160					165
				170					175					180
Ile	Asn	Val	Gly	Leu	Arg	Gly	Leu	Val	Ala	Gly	Gly	Ile	Ile	Gly
				185					190					195
Ala	Leu	Leu	Gly	Thr	Pro	Val	Gly	Gly	Leu	Leu	Met	Ala	Phe	Gln
				200					205					210
Lys	Tyr	Ser	Gly	Glu	Thr	Val	Gln	Glu	Arg	Lys	Gln	Lys	Asp	Arg
				215					220					225
Lys	Ala	Leu	His	Glu	Leu	Lys	Leu	Glu	Glu	Trp	Lys	Gly	Arg	Leu
				230					235					240
Gln	Val	Thr	Glu	His	Leu	Pro	Glu	Lys	Ile	Glu	Ser	Ser	Leu	Gln

	245	250	255
Glu Asp Glu Pro	Glu Asn Asp Ala Lys	Lys Ile Glu Ala Leu	Leu
	260	265	270
Asn Leu Pro Arg	Asn Pro Ser Val Ile	Asp Lys Gln Asp Lys	Asp
	275	280	285

<210> 58  
 <211> 262  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 2816821

<400> 58  
 Met Thr Gln Pro Val Pro Arg Leu Ser Val Pro Ala Ala Leu Ala  
     1                    5                    10                    15  
 Leu Gly Ser Ala Ala Leu Gly Ala Ala Phe Ala Thr Gly Leu Phe  
                     20                    25                    30  
 Leu Gly Arg Arg Cys Pro Pro Trp Arg Gly Arg Arg Glu Gln Cys  
                     35                    40                    45  
 Leu Leu Pro Pro Glu Asp Ser Arg Leu Trp Gln Tyr Leu Leu Ser  
                     50                    55                    60  
 Arg Ser Met Arg Glu His Pro Ala Leu Arg Ser Leu Arg Leu Leu  
                     65                    70                    75  
 Thr Leu Glu Gln Pro Gln Gly Asp Ser Met Met Thr Cys Glu Gln  
                     80                    85                    90  
 Ala Gln Leu Leu Ala Asn Leu Ala Arg Leu Ile Gln Ala Lys Lys  
                     95                    100                    105  
 Ala Leu Asp Leu Gly Thr Phe Thr Gly Tyr Ser Ala Leu Ala Leu  
                     110                    115                    120  
 Ala Leu Ala Leu Pro Ala Asp Gly Arg Val Val Thr Cys Glu Val  
                     125                    130                    135  
 Asp Ala Gln Pro Pro Glu Leu Gly Arg Pro Leu Trp Arg Gln Ala  
                     140                    145                    150  
 Glu Ala Glu His Lys Ile Asp Leu Arg Leu Lys Pro Ala Leu Glu  
                     155                    160                    165  
 Thr Leu Asp Glu Leu Leu Ala Ala Gly Glu Ala Gly Thr Phe Asp  
                     170                    175                    180  
 Val Ala Val Val Asp Ala Asp Lys Glu Asn Cys Ser Ala Tyr Tyr  
                     185                    190                    195  
 Glu Arg Cys Leu Gln Leu Leu Arg Pro Gly Gly Ile Leu Ala Val  
                     200                    205                    210  
 Leu Arg Val Leu Trp Arg Gly Lys Val Leu Gln Pro Pro Lys Gly  
                     215                    220                    225  
 Asp Val Ala Ala Glu Cys Val Arg Asn Leu Asn Glu Arg Ile Arg  
                     230                    235                    240  
 Arg Asp Val Arg Val Tyr Ile Ser Leu Leu Pro Leu Gly Asp Gly  
                     245                    250                    255  
 Leu Thr Leu Ala Phe Lys Ile  
                     260

<210> 59  
 <211> 189  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 2817268

<400> 59  
 Met Ala Leu Leu Ser Arg Pro Ala Leu Thr Leu Leu Leu Leu Leu  
   1                  5                  10                  15  
 Met Ala Ala Val Val Arg Cys Gln Glu Gln Ala Gln Thr Thr Asp  
                   20                  25                  30  
 Trp Arg Ala Thr Leu Lys Thr Ile Arg Asn Gly Val His Lys Ile  
                   35                  40                  45  
 Asp Thr Tyr Leu Asn Ala Ala Leu Asp Leu Leu Gly Gly Glu Asp  
                   50                  55                  60  
 Gly Leu Cys Gln Tyr Lys Cys Ser Asp Gly Ser Lys Pro Phe Pro  
                   65                  70                  75  
 Arg Tyr Gly Tyr Lys Pro Ser Pro Pro Asn Gly Cys Gly Ser Pro  
                   80                  85                  90  
 Leu Phe Gly Val His Leu Asn Ile Gly Ile Pro Ser Leu Thr Lys  
                   95                  100                 105  
 Cys Cys Asn Gln His Asp Arg Cys Tyr Glu Thr Cys Gly Lys Ser  
                  110                 115                 120  
 Lys Asn Asp Cys Asp Glu Glu Phe Gln Tyr Cys Leu Ser Lys Ile  
                  125                 130                 135  
 Cys Arg Asp Val Gln Lys Thr Leu Gly Leu Thr Gln His Val Gln  
                  140                 145                 150  
 Ala Cys Glu Thr Thr Val Glu Leu Leu Phe Asp Ser Val Ile His  
                  155                 160                 165  
 Leu Gly Cys Lys Pro Tyr Leu Asp Ser Gln Arg Ala Ala Cys Arg  
                  170                 175                 180  
 Cys His Tyr Glu Glu Lys Thr Asp Leu  
                  185

<210> 60  
 <211> 189  
 <212> PRT  
 <213> Homo sapiens

<221> misc\_feature  
 <223> Incyte Clone No: 2923165

<400> 60  
 Met Thr Ala Ala Val Phe Phe Gly Cys Ala Phe Ile Ala Phe Gly  
   1                  5                  10                  15  
 Thr Ala Val Ala Val Thr Val Ile Glu Ile Thr Thr Glu Ile Ile  
                   20                  25                  30  
 Arg Ile Ile Phe Leu Ile Ala Gly Ala Phe Phe Trp Leu Val Ser  
                   35                  40                  45

[illegible]

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<210> 61
<211> 82
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 2949822
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[illegible]

<210> 62  
 <211> 202  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 2992192

<400> 62  
 Met Ala Ala Pro Trp Arg Arg Trp Pro Thr Gly Leu Leu Ala Val  
 1 5 10 15  
 Leu Arg Pro Leu Leu Thr Cys Arg Pro Leu Gln Gly Thr Thr Leu  
 20 25 30  
 Gln Arg Asp Val Leu Leu Phe Glu His Asp Arg Gly Arg Phe Phe  
 35 40 45  
 Thr Ile Leu Gly Leu Phe Cys Ala Gly Gln Gly Val Phe Trp Ala  
 50 55 60  
 Ser Met Ala Val Ala Ala Val Ser Arg Pro Pro Val Pro Val Gln  
 65 70 75  
 Pro Leu Asp Ala Glu Val Pro Asn Arg Gly Pro Phe Asp Leu Arg  
 80 85 90  
 Ser Ala Leu Trp Arg Tyr Gly Leu Ala Val Gly Cys Gly Ala Ile  
 95 100 105  
 Gly Ala Leu Val Leu Gly Ala Gly Leu Leu Phe Ser Leu Arg Ser  
 110 115 120  
 Val Arg Ser Val Val Leu Arg Ala Gly Gly Gln Gln Val Thr Leu  
 125 130 135  
 Thr Thr His Ala Pro Phe Gly Leu Gly Ala His Phe Thr Val Pro  
 140 145 150  
 Leu Lys Gln Val Ser Cys Met Ala His Arg Gly Glu Val Pro Ala  
 155 160 165  
 Met Leu Pro Leu Lys Val Lys Gly Arg Arg Phe Tyr Phe Leu Leu  
 170 175 180  
 Asp Lys Thr Gly His Phe Pro Asn Thr Lys Leu Phe Asp Asn Thr  
 185 190 195  
 Val Gly Ala Tyr Arg Ser Leu  
 200

<210> 63  
 <211> 450  
 <212> PRT

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 2992458

<400> 63  
 Cys Leu Gly Leu Glu Leu Ser Arg Cys Arg Ala Lys Pro Pro Gly  
 1 5 10 15  
 20 25 30

Arg	Ala	Cys	Ser	Asn	Pro	Ser	Phe	Leu	Arg	Phe	Gln	Leu	Asp	Phe	
				35					40					45	
Tyr	Gln	Val	Tyr	Phe	Leu	Ala	Leu	Ala	Ala	Asp	Trp	Leu	Gln	Ala	
				50					55					60	
Pro	Tyr	Leu	Tyr	Lys	Leu	Tyr	Gln	His	Tyr	Tyr	Phe	Leu	Glu	Gly	
				65					70					75	
Gln	Ile	Ala	Ile	Leu	Tyr	Val	Cys	Gly	Leu	Ala	Ser	Thr	Val	Leu	
				80					85					90	
Phe	Gly	Leu	Val	Ala	Ser	Ser	Leu	Val	Asp	Trp	Leu	Gly	Arg	Lys	
				95					100					105	
Asn	Ser	Cys	Val	Leu	Phe	Ser	Leu	Thr	Tyr	Ser	Leu	Cys	Cys	Leu	
				110					115					120	
Thr	Lys	Leu	Ser	Gln	Asp	Tyr	Phe	Val	Leu	Leu	Val	Gly	Arg	Ala	
				125					130					135	
Leu	Gly	Gly	Leu	Ser	Thr	Ala	Leu	Leu	Phe	Ser	Ala	Phe	Glu	Ala	
				140					145					150	
Trp	Tyr	Ile	His	Glu	His	Val	Glu	Arg	His	Asp	Phe	Pro	Ala	Glu	
				155					160					165	
Trp	Ile	Pro	Ala	Thr	Phe	Ala	Arg	Ala	Ala	Phe	Trp	Asn	His	Val	
				170					175					180	
Leu	Ala	Val	Val	Ala	Gly	Val	Ala	Ala	Glu	Ala	Val	Ala	Ser	Trp	
				185					190					195	
Ile	Gly	Leu	Gly	Pro	Val	Ala	Pro	Phe	Val	Ala	Ala	Ile	Pro	Leu	
				200					205					210	
Leu	Ala	Leu	Ala	Gly	Ala	Leu	Ala	Leu	Arg	Asn	Trp	Gly	Glu	Asn	
				215					220					225	
Tyr	Asp	Arg	Gln	Arg	Ala	Phe	Ser	Arg	Thr	Cys	Ala	Gly	Gly	Leu	
				230					235					240	
Arg	Cys	Leu	Leu	Ser	Asp	Arg	Arg	Val	Leu	Leu	Leu	Gly	Thr	Ile	
				245					250					255	
Gln	Ala	Leu	Phe	Glu	Ser	Val	Ile	Phe	Ile	Phe	Val	Phe	Leu	Trp	
				260					265					270	
Thr	Pro	Val	Leu	Asp	Pro	His	Gly	Ala	Pro	Leu	Gly	Ile	Ile	Phe	
				275					280					285	
Ser	Ser	Phe	Met	Ala	Ala	Ser	Leu	Leu	Gly	Ser	Ser	Leu	Tyr	Arg	
				290					295					300	
Ile	Ala	Thr	Ser	Lys	Arg	Tyr	His	Leu	Gln	Pro	Met	His	Leu	Leu	
				305					310					315	
Ser	Leu	Ala	Val	Leu	Ile	Val	Val	Phe	Ser	Leu	Phe	Met	Leu	Thr	
				320					325					330	
Phe	Ser	Thr	Ser	Pro	Gly	Gln	Glu	Ser	Pro	Val	Glu	Ser	Phe	Ile	
				335					340					345	
Ala	Phe	Leu	Leu	Ile	Ser	Leu	Ala	Cys	Gly	Leu	Tyr	Val	Pro	Leu	
				350					355					360	
Met	Ser	Phe	Leu	Arg	Arg	Lys	Val	Ile	Pro	Glu	Thr	Glu	Gln	Ala	
				365					370					375	
				380					385					390	
Leu	Gly	Leu	Leu	Val	Leu	His	Asp	Ser	Asp	Arg	Lys	Thr	Gly	Thr	
				395					400					405	
Arg	Asn	Met	Phe	Ser	Ile	Cys	Ser	Ala	Val	Met	Val	Met	Ala	Leu	
				410					415					420	
Leu	Ala	Val	Val	Gly	Leu	Phe	Thr	Val	Val	Arg	His	Asp	Ala	Glu	
				425					430					435	
Leu	Arg	Val	Pro	Ser	Pro	Thr	Glu	Glu	Pro	Tyr	Ala	Pro	Glu	Leu	
				440					445					450	



<210> 64  
 <211> 322  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 3044710

<400> 64  
 Met Ala Arg Cys Phe Ser Leu Val Leu Leu Leu Thr Ser Ile Trp  
   1                  5                  10                  15  
 Thr Thr Arg Leu Leu Val Gln Gly Ser Leu Arg Ala Glu Glu Leu  
                   20                  25                  30  
 Ser Ile Gln Val Ser Cys Arg Ile Met Gly Ile Thr Leu Val Ser  
                   35                  40                  45  
 Lys Lys Ala Asn Gln Gln Leu Asn Phe Thr Glu Ala Lys Glu Ala  
                   50                  55                  60  
 Cys Arg Leu Leu Gly Leu Ser Leu Ala Gly Lys Asp Gln Val Glu  
                   65                  70                  75  
 Thr Ala Leu Lys Ala Ser Phe Glu Thr Cys Ser Tyr Gly Trp Val  
                   80                  85                  90  
 Gly Asp Gly Phe Val Val Ile Ser Arg Ile Ser Pro Asn Pro Lys  
                   95                  100                 105  
 Cys Gly Lys Asn Gly Val Gly Val Leu Ile Trp Lys Val Pro Val  
                  110                 115                 120  
 Ser Arg Gln Phe Ala Ala Tyr Cys Tyr Asn Ser Ser Asp Thr Trp  
                  125                 130                 135  
 Thr Asn Ser Cys Ile Pro Glu Ile Ile Thr Thr Lys Asp Pro Ile  
                  140                 145                 150  
 Phe Asn Thr Gln Thr Ala Thr Gln Thr Thr Glu Phe Ile Val Ser  
                  155                 160                 165  
 Asp Ser Thr Tyr Ser Val Ala Ser Pro Tyr Ser Thr Ile Pro Ala  
                  170                 175                 180  
 Pro Thr Thr Thr Pro Pro Ala Pro Ala Ser Thr Ser Ile Pro Arg  
                  185                 190                 195  
 Arg Lys Lys Leu Ile Cys Val Thr Glu Val Phe Met Glu Thr Ser  
                  200                 205                 210  
 Thr Met Ser Thr Glu Thr Glu Pro Phe Val Glu Asn Lys Ala Ala  
                  215                 220                 225  
 Phe Lys Asn Gln Val Val Val Gly Val Gly Val Val Val Val Val  
                  230                 235                 240  
 Leu Val Leu Ala Leu Leu Phe Phe Gly Ala Ala Ala Gly Leu Gly  
                  245                 250                 255  
 Val Val Val Val Val Val Val Val Val Val Val Val Val Val Val  
                  260                 265                 270  
 Lys Asn Gln Gln Lys Glu Met Ile Glu Thr Lys Val Val Lys Glu  
                  275                 280                 285  
 Glu Lys Ala Asn Asp Ser Asn Pro Asn Glu Glu Ser Lys Lys Thr  
                  290                 295                 300  
 Asp Lys Asn Pro Glu Glu Ser Lys Ser Pro Ser Lys Thr Thr Val  
                  305                 310                 315  
 Arg Cys Leu Glu Ala Glu Val  
                  320

<210> 65  
 <211> 104  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 3120415

<400> 65  
 Met Lys Leu Ala Ala Leu Leu Gly Leu Cys Val Ala Leu Ser Cys  
   1                  5                  10                  15  
 Ser Ser Ala Ala Ala Phe Leu Val Gly Ser Ala Lys Pro Val Ala  
                   20                  25                  30  
 Gln Pro Val Ala Ala Leu Glu Ser Ala Ala Glu Ala Gly Ala Gly  
                   35                  40                  45  
 Thr Leu Ala Asn Pro Leu Gly Thr Leu Asn Pro Leu Lys Leu Leu  
                   50                  55                  60  
 Leu Ser Ser Leu Gly Ile Pro Val Asn His Leu Ile Glu Gly Ser  
                   65                  70                  75  
 Gln Lys Cys Val Ala Glu Leu Gly Pro Gln Ala Val Gly Ala Val  
                   80                  85                  90  
 Lys Ala Leu Lys Ala Leu Leu Gly Ala Leu Thr Val Phe Gly  
                   95                  100

<210> 66  
 <211> 93  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 126758

<400> 66  
 Met Lys Leu Val Thr Ile Phe Leu Leu Val Thr Ile Ser Leu Cys  
   1                  5                  10                  15  
 Val Lys Leu Val Thr Ile Phe Leu Leu Val Thr Ile Ser Leu Cys  
                   20                  25                  30  
 Val Asp Lys Leu Ala Pro Leu Pro Leu Asp Asn Ile Leu Pro Phe  
                   35                  40                  45  
 Glu His Leu Val Glu Gly Leu Arg Lys Cys Val Asn Glu Leu Gly  
                   50                  55                  60  
 Pro Glu Ala Ser Glu Ala Val Lys Lys Leu Leu Glu Ala Leu Ser  
                   65                  70                  75  
 His Leu Val                  80                  85                  90

<210> 67  
 <211> 71  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 674760

<400> 67  
 Met Thr Ala Gly Gln Phe Pro Ala Leu Val Ser Leu Ala Leu Leu  
 1 5 10 15  
 Leu Asp Gly Gly Arg Arg Ala Ser Ala Arg Arg Asn Arg Gly His  
 20 25 30  
 Leu Trp Val Phe Cys Thr Ser Phe Leu Leu Ala Pro Trp Glu Val  
 35 40 45  
 Glu Asp Val Gly Trp Lys Lys Gly Leu Asp Leu Pro Pro Ser Ser  
 50 55 60  
 Ser Pro Pro Ser Pro Lys Glu Leu Ala Leu Gln  
 65 70

<210> 68  
 <211> 394  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 1229438

<400> 68  
 Met Lys Arg Gln Asn Val Arg Thr Leu Ala Leu Ile Val Cys Thr  
 1 5 10 15  
 Phe Thr Tyr Leu Leu Val Gly Ala Ala Val Phe Asp Ala Leu Glu  
 20 25 30  
 Ser Glu Pro Glu Leu Ile Glu Arg Gln Arg Leu Glu Leu Arg Gln  
 35 40 45  
 Gln Glu Leu Arg Ala Arg Tyr Asn Leu Ser Gln Gly Gly Tyr Glu  
 50 55 60  
 Val Glu Leu Arg Val Val Ala Arg Val Val Val Val Val Val  
 65 70 75  
 Val Gln Trp Arg Phe Ala Gly Ser Phe Tyr Phe Ala Ile Thr Val  
 80 85 90  
 Ile Thr Val Val Val Val Val Val Val Val Val Val Val Val  
 95 100 105  
 Gly Lys Val Phe Cys Met Phe Tyr Ala Leu Leu Gly Ile Pro Leu  
 110 115 120  
 Thr Leu Val Met Phe Gln Ser Leu Gly Glu Arg Ile Asn Thr Leu  
 125 130 135  
 Val Arg Tyr Leu Leu His Arg Ala Lys Lys Gly Leu Gly Met Arg  
 140 145 150  
 Arg Ala Asp Val Ser Met Ala Asn Met Val Leu Ile Gly Phe Phe  
 155 160 165  
 Ser Cys Ile Ser Thr Leu Cys Ile Gly Ala Ala Ala Phe Ser His

	170		175		180
Tyr Glu His Trp Thr Phe Phe Gln Ala Tyr Tyr Tyr Cys Phe Ile					
	185		190		195
Thr Leu Thr Thr Ile Gly Phe Gly Asp Tyr Val Ala Leu Gln Lys					
	200		205		210
Asp Gln Ala Leu Gln Thr Gln Pro Gln Tyr Val Ala Phe Ser Phe					
	215		220		225
Val Tyr Ile Leu Thr Gly Leu Thr Val Ile Gly Ala Phe Leu Asn					
	230		235		240
Leu Val Val Leu Arg Phe Met Thr Met Asn Ala Glu Asp Glu Lys					
	245		250		255
Arg Asp Ala Glu His Arg Ala Leu Leu Thr Arg Asn Gly Gln Ala					
	260		265		270
Gly Gly Gly Gly Gly Gly Gly Ser Ala His Thr Thr Asp Thr Ala					
	275		280		285
Ser Ser Thr Ala Ala Ala Gly Gly Gly Gly Phe Arg Asn Val Tyr					
	290		295		300
Ala Glu Val Leu His Phe Gln Ser Met Cys Ser Cys Leu Trp Tyr					
	305		310		315
Lys Ser Arg Glu Lys Leu Gln Tyr Ser Ile Pro Met Ile Ile Pro					
	320		325		330
Arg Asp Leu Ser Thr Ser Asp Thr Cys Val Glu Gln Ser His Ser					
	335		340		345
Ser Pro Gly Gly Gly Gly Arg Tyr Ser Asp Thr Pro Ser Arg Arg					
	350		355		360
Cys Leu Cys Ser Gly Ala Pro Arg Ser Ala Ile Ser Ser Val Ser					
	365		370		375
Thr Gly Leu His Ser Leu Ser Thr Phe Arg Gly Leu Met Lys Arg					
	380		385		390
Arg Ser Ser Val					

&lt;210&gt; 69

&lt;211&gt; 72

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Client No: 1236935

&lt;400&gt; 69

Met Cys Pro Phe Phe Pro Leu Thr Ser Leu Ile Val Phe Leu Ile			
1	5	10	15
	20	25	30
Leu Gly Leu Pro Lys Cys Trp Asp Tyr Arg Arg Glu His Arg Ala			
	35	40	45
Arg Pro Thr Ile Val Phe Ser Lys His Val Tyr Thr Tyr Ser Met			
	50	55	60
Arg Met Gln Ile Glu Ile Ser Thr Asn Ile Ser Gln			

<210> 70  
 <211> 71  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 1359283

<400> 70  
 Met Arg Leu Thr Gly Leu Thr Leu Leu Leu Ser Leu Met Glu Ser  
 1 5 10 15  
 Leu Gly Gln Val Glu Asp Arg Phe Phe Ser Thr His Arg Arg Phe  
 20 25 30  
 Pro His His Thr Pro Ile Ser Gly Leu Leu Cys Arg Glu Phe Ser  
 35 40 45  
 Leu Pro Lys Arg Ser Gly Val Pro Trp Thr Arg Val Leu Ile Ser  
 50 55 60  
 Cys Ile Trp Arg Ser Gly Ala Gly Lys Arg Met  
 65 70

<210> 71  
 <211> 247  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 1450703

<400> 71  
 Met His Leu Ala Arg Leu Val Gly Ser Cys Ser Leu Leu Leu Leu  
 1 5 10 15  
 Leu Gly Ala Leu Ser Gly Trp Ala Ala Ser Asp Asp Pro Ile Glu  
 20 25 30  
 Lys Val Ile Glu Gly Ile Asn Arg Gly Leu Ser Asn Ala Glu Arg  
 35 40 45  
 Glu Val Gly Lys Ala Leu Asp Gly Ile Asn Ser Gly Ile Thr His  
 50 55 60  
 Met Val Arg Leu Val Gly Gly Ser Ser Ser Gly Ser Ser Ser Ser  
 65 70 75  
 Gly Ser His Thr Gly Lys Glu Leu Asp Lys Gly Val Gln Gly Leu  
 80 85 90  
 Ser Val Val Gly Thr Thr Thr Thr Thr Thr Thr Thr Thr Thr  
 95 100 105  
 Gly Gln Ala Gly Lys Glu Ala Glu Lys Leu Gly His Gly Val Asn  
 110 115 120  
 Asn Ala Ala Gly Gln Ala Gly Ile Glu Ala Asp Lys Ala Val Gln  
 125 130 135  
 Gly Phe His Thr Gly Val His Gln Ala Gly Lys Glu Ala Glu Lys  
 140 145 150  
 Leu Gly Gln Gly Val Asn His Ala Ala Asp Gln Ala Gly Lys Glu  
 155 160 165  
 Val Glu Lys Leu Gly Gln Gly Ala His His Ala Ala Gly Gln Ala

	170		175		180
Gly Lys Glu Leu	Gln Asn Ala His Asn Gly Val Asn Gln Ala Ser				
	185		190		195
Lys Glu Ala Asn	Gln Leu Leu Asn Gly Asn His Gln Ser Gly Ser				
	200		205		210
Ser Ser His Gln	Gly Gly Ala Thr Thr Thr Pro Leu Ala Ser Gly				
	215		220		225
Ala Ser Val Asn	Thr Pro Phe Ile Asn Leu Pro Ala Leu Trp Arg				
	230		235		240
Ser Val Ala Asn	Ile Met Pro				
	245				

<210> 72  
 <211> 73  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 1910668

<400> 72	
Met Thr Cys Trp Met Leu Pro Pro Ile Ser Phe Leu Ser Tyr Leu	
1	5 10 15
Pro Leu Trp Leu Gly Pro Ile Trp Pro Cys Ser Gly Ser Thr Leu	
	20 25 30
Gly Lys Pro Asp Pro Gly Val Trp Pro Ser Leu Phe Arg Pro Trp	
	35 40 45
Asp Ala Ala Ser Pro Gly Asn Tyr Ala Leu Ser Arg Gly Glu Asn	
	50 55 60
Gln Tyr Glu Lys Trp Gly Gln Gly Thr His Ser Ser Leu	
	65 70

<210> 73  
 <211> 70  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 1910668

<400> 73	
Met Gly Arg Leu Arg Tyr Phe Phe Ser Leu Leu Leu Arg Trp	
1	5 10 15
Gly Gln Leu Leu Gly Ala Asp Glu Phe Cys Cys His Lys Ser Tyr	
	20 25 30
His Ala Leu Glu Leu Tyr Lys Lys Asn Leu Gln Val Ser Ile Leu	
	35 40 45
	50 55 60

Ser Pro Tyr Pro Thr Asp Pro Ile His Leu  
65 70

<210> 74  
<211> 67  
<212> PRT  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<223> Incyte Clone No: 1961637

<400> 74  
Met Met Phe Thr Ser Leu Ser Leu Ala Leu Pro Phe Leu Leu Gln  
1 5 10 15  
Thr Met Leu Cys Leu Arg Ala Leu Leu Ile Ala Val Pro His Gly  
20 25 30  
His Asp Trp Asn Arg Asp Ala Thr Ser Phe Tyr Thr Ser Thr Val  
35 40 45  
Ser Trp Val Lys Ser Phe Phe Leu Phe Val Leu Asp Gly Val Ser  
50 55 60  
Leu Leu Leu Pro Arg Leu Glu  
65

<210> 75  
<211> 91  
<212> PRT  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<223> Incyte Clone No: 1990762

<400> 75  
Met Trp Pro Thr Thr Trp Ala Trp Ser Trp Val Gln Thr Leu Thr  
1 5 10 15  
Leu Leu Leu Leu Leu Cys Val Thr Ile Val Gln Thr Thr Thr  
20 25 30  
Thr Leu Gln Val Ser Phe Leu Ile Cys Glu Met Asp Val Ile Ile  
35 40 45  
Pro Pro Pro Leu Leu Leu Leu Gly Glu Phe Trp Ile Trp Asn Pro  
50 55 60  
Pro Pro Pro Leu Leu Leu Leu Gly Glu Phe Trp Ile Trp Asn Pro  
65 70 75  
Val Ser Arg Ile Leu Phe Trp Leu Cys His Val Pro Ala Gly Gln  
80 85 90  
Leu

<210> 76  
 <211> 56  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 1994131

<400> 76  
 Met Asn Glu Trp Trp Leu Leu Leu Leu Leu His Leu His Pro Pro  
 1 5 10 15  
 Arg Val Ile Ser Pro Phe Trp Phe Ile Val Ser Val Leu Thr Ala  
 20 25 30  
 Cys Asp Asn Arg Lys Tyr Ile Leu Leu Arg Thr Val Pro Val Phe  
 35 40 45  
 Ser Phe Pro Glu Asn Thr Tyr Phe Asp Val Gly  
 50 55

<210> 77  
 <211> 112  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 1997745

<400> 77  
 Met Pro Leu Phe Leu Ser Ile Pro Ser Leu Phe Leu Thr Leu Ser  
 1 5 10 15  
 Gly Leu Gly Leu Ala Val Gln Ser Pro Ala Gly Gly Cys Trp Gly  
 20 25 30  
 Leu Ser Leu Cys Arg His Cys Val Phe Leu Arg Gly Cys Pro Gln  
 35 40 45  
 Asn Thr Pro Pro Ala Pro Trp Gly Ser Ser Gly Ser His Phe Ser  
 50 55 60  
 Trp Ser Leu Arg Ser Gln Lys Gln Leu Leu Gln Glu Ala Lys Lys  
 65 70 75  
 Arg Leu Gly Trp Leu Leu Val Leu Met Met Ala Thr Ile Leu Leu  
 80 85 90  
 Gly His Phe Gly Tyr Ile His Gly His Cys Phe His Leu Ser Phe  
 95 100 105

110

<210> 78  
 <212> PRT  
 <213> Homo sapiens



<220>

<221> misc\_feature

<223> Incyte Clone No: 2009035

<400> 78

```
Met Met Leu Gln Pro Val Asp Leu Leu Gln Ser Tyr Leu Leu Leu
  1          5          10          15
Leu Tyr Cys Trp Ser Phe Ser Leu Leu Phe Thr Leu Leu Cys Asn
          20          25          30
Ala Val Arg Asn Asp Phe Phe His Lys Leu Phe Ser Ile Tyr Trp
          35          40          45
Met Tyr Asn Leu Thr His Ser Lys His
          50
```

<210> 79

<211> 57

<212> PRT

<213> Homo sapiens

<220>

<221> misc\_feature

<223> Incyte Clone No: 2009152

<400> 79

```
Met Lys Phe Tyr Ala Val Leu Leu Ser Ile Cys Leu Leu Leu Ser
  1          5          10          15
Cys Trp Cys Ala Cys His Val Arg Asp Cys Asn Leu Ile Cys Leu
          20          25          30
Phe Ser Thr Val Lys Ala Ile Thr Arg Glu Leu Leu Gln Leu Pro
          35          40          45
Ser Tyr Val Lys Arg Phe Phe Phe Asn Ser Leu Arg
          50          55
```

<210> 80

<211> 52

<212> PRT

<213> Homo sapiens

<220>

<221> misc feature

<223> Incyte Clone No: 2009152

<400> 80

```
Met Gln Arg Leu Gly Lys Ala Pro Gly Thr Trp Gln Ala Ile Ser
  1          5          10          15
Lys Cys Trp Leu Leu Leu Leu Leu Ser Leu Pro Phe Ser Gln Ser
          20          25          30
Ile Ile Ile Leu Arg Arg Arg Arg Arg Arg Arg Arg Arg Arg
          35          40          45
Tyr Phe Pro Gln Tyr Phe Pro
          50
```

```
<210> 81
<211> 64
<212> PRT
<213> Homo sapiens
```

```
<220>  
<221> misc_feature  
<223> Incyte Clone No: 2061933
```

```
<400> 81
Met Lys Leu Leu Leu Lys Leu Asp Phe Phe Ile Leu Leu Gly
  1                    5                10                15
Ser Glu Glu Ser Arg Cys Leu Val Asp Val Gln Tyr Val Ile Phe
                20                25                30
Phe Leu Ile Glu Cys Val His Leu Lys Ser Ser Leu Thr Phe Leu
                35                40                45
Glu Arg Leu Leu Ser Ile Asn Asn Gly Ile Leu Glu Glu Lys Trp
                50                55                60
Phe Phe Lys Ser
```

```
<210> 82
<211> 65
<212> PRT
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<223> Incyte Clone No: 2081422
```

```

<400> 82
Met Lys Pro Leu Ile Pro Phe Leu Ser Pro Pro Pro Leu Leu Pro
  1          5          10          15
Leu Thr Phe Phe Leu Ser Ser Leu Leu Leu Ser Pro Leu Cys Arg
          20          25          30
Ala Leu Gly Thr Ser Gln Ala Val Pro Pro Leu Arg Ala Leu Ser
          35          40          45
Ser Ala Asp Thr Val Val Val Val Val Val Val Val Val Val
          50          55          60
Ala Cys Pro Cys Leu
          65

```

```
<210> 82
<211> 56
<212> PRT
```

```
<220>
<221> misc_feature
```

<223> Incyte Clone No: 2101278

<400> 83

Met	Arg	Ala	Asp	Arg	Leu	Leu	Pro	Ile	Ser	Ala	Leu	Cys	Leu	Leu
1					5				10					15
Tyr	Thr	Pro	Gly	Gly	Ala	Leu	Glu	Pro	Ala	Gln	Val	Gly	Tyr	Thr
				20					25					30
Ile	Phe	Leu	Asn	Ser	Ile	Trp	Leu	Pro	Ala	Tyr	Phe	Phe	His	Leu
				35					40					45
Phe	Thr	Val	Ile	Ser	Gly	Val	Phe	Leu	Phe	Ile				
				50					55					

<210> 84

<211> 120

<212> PRT

<213> Homo sapiens

<220>

<221> misc\_feature

<223> Incyte Clone No: 2121353

<400> 84

Met	Pro	Ala	Leu	Pro	Pro	Gly	Phe	Ser	Gln	Ala	Gly	Ser	Cys	Val
1				5					10					15
Pro	Thr	Gly	Ser	Ser	Leu	Val	Leu	Cys	Leu	Leu	Ala	Ala	Ser	Leu
				20					25					30
Leu	Leu	Phe	Val	Pro	Thr	Leu	Ala	Leu	Leu	Thr	Gly	Ala	Thr	Thr
				35					40					45
Cys	Trp	Cys	Leu	His	Asn	Lys	Arg	Leu	Ala	Leu	Arg	Pro	Leu	Ala
				50					55					60
Trp	Gln	Gly	Leu	Trp	Gly	Leu	Val	Ser	Thr	Arg	Leu	Ser	His	Gly
				65					70					75
Arg	Thr	Ser	Phe	Tyr	Phe	Asn	Ser	Leu	Pro	Leu	Gln	Thr	Asn	Ser
				80					85					90
Ser	Thr	Cys	Gln	Asn	His	Ser	Trp	Asp	Ser	Gly	Ala	Arg	Ala	Thr
				95					100					105
Ala	Leu	Ala	Ser	Gly	Arg	Thr	Gln	Glu	Gly	Gly	Val	Gly	Ser	Val
				110					115					120

<210> 85

<212> PRT

<213> Homo sapiens

<220>

<221> misc\_feature

<223> Incyte Clone No: 2241736

<400> 85

Met	Asn	Ser	Leu	Val	Leu	Phe	Leu	Gly	His	Leu	Gly	Leu	Leu	Ile
1				5					10					15

Lys	Asp	Cys	Val	Leu	Leu	Phe	Ala	Met	Ser	Lys	Val	Ser	Gln	Lys
				20					25					30
Gln	Lys	Val	Leu	Gly	Pro	Phe	Gly	Ser	Pro	Glu	Leu	Glu	Ser	Leu
				35					40					45
Gly	Ile	Gly	Pro	Arg	Tyr	Leu	His	Phe	His	Arg	Phe	Leu	Val	Gly
				50					55					60
Asp	Phe	Leu	Gln	Ala	Lys	Val								
				65										

<210> 86  
 <211> 62  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 2271935

Met	Ala	Trp	Leu	Ser	Phe	Ala	Ala	Val	Glu	Met	Thr	Leu	Leu	Leu
1				5					10					15
His	Ser	Ser	Ser	Leu	Leu	Ser	Phe	Ala	Lys	Val	Val	Leu	Ser	Leu
				20					25					30
Pro	Glu	Ile	Arg	Pro	Phe	Gly	Asp	Gly	Asn	Phe	Ser	Leu	Lys	Gln
				35					40					45
Ser	Ser	Lys	Gln	Asn	Pro	Asn	Pro	Ala	Arg	Val	Gly	Arg	Lys	Ser
				50					55					60
Met	Phe													

<210> 87  
 <211> 75  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 2271935

Met	Met	Ile	Leu	Leu	Ser	Leu	Leu	Val	Ala	Leu	Ile	Ser	Val	Ser
Leu	Val	Phe	Leu	Gly	Leu	Val	Arg	Phe	Ser	Arg	Glu	Asp	Phe	Ser
				20					25					30
Phe	Pro	Leu	Trp	Arg	Glu	Lys	Ala	Phe	Tyr	Gln	His	Ser	Ser	Ser
				35					40					45
Ser	Val	Gly	Glu	Arg	Leu	Gln	Ala	Leu	Arg	Lys	His	Ala	Phe	Thr
				50					55					60
Ile	Phe	Gly	Thr	Ile	Phe	Leu	Val	Val	Val	Leu	Leu	Gln	Met	
				65					70					75

<210> 88  
 <211> 80  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 2303994

<400> 88  
 Met Asn Ser Ile Phe Phe Leu Ser Leu Cys Leu Pro Leu Trp Val  
   1                  5                  10                  15  
 Ser Leu Leu Trp Ala Lys Pro Leu Glu Met His Lys Thr Ser Arg  
                   20                  25                  30  
 His Gly Phe Trp Gln Lys Leu His Asp Phe Lys Leu Ala Leu Leu  
                   35                  40                  45  
 Leu Leu Thr Phe His Arg Glu Lys Ile Phe Pro Leu Lys Lys Thr  
                   50                  55                  60  
 Gly Leu Val Ile Phe Ser Leu Val Ala Leu Ser Arg Asp Ile Ser  
                   65                  70                  75  
 Ala Leu His Tyr Thr  
                   80

<210> 89  
 <211> 50  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 2497805

<400> 89  
 Met Arg Pro Ala Arg Leu Gly Pro Arg Cys Ser Asp Leu Asp Phe  
   1                  5                  10                  15  
 Gly Leu Val Leu Ser Ser Trp Leu Arg Leu Ala Arg Cys Pro Leu  
                   20                  25                  30  
 Glu Ser Ser Phe Gly Phe Ala Phe Phe Val Cys Leu Phe Ser Pro  
 Asn Phe Cys Gln Thr  
                   50

<210> 90  
 <211> 116  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 2646362

&lt;400&gt; 90

```

Met Trp Trp Ala Leu Cys Ser Met Leu Pro Leu Leu Gly Cys Ala
 1              5              10              15
Cys Ser Ser Gly Cys Trp Gly Ser Gly Pro Thr Pro Leu Leu Ala
              20              25              30
Glu Pro Thr Phe Leu Cys Val Ser Ser Arg Pro His Asn Pro Leu
              35              40              45
Ser Phe Leu Ser Val Leu Pro Cys Ser Arg Gly Pro Gly Pro Ser
              50              55              60
Gly Leu Gln Gly Asp Gly Ala Gly Leu Pro Ala His Leu Gly Pro
              65              70              75
Leu Ser Cys Ile Cys Leu Pro Ser Leu Leu Cys Asp Leu Gly Glu
              80              85              90
Arg Gln Cys Pro Leu Trp Ala Val Arg Ser Thr Gln Cys Leu Ile
              95              100             105
Ala Gly Lys Lys Val Leu Gln Arg Leu Cys Pro
              110             115

```

&lt;210&gt; 91

&lt;211&gt; 67

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2657146

&lt;400&gt; 91

```

Met Ile Cys Gln Cys Leu Arg Leu Leu Leu Val Leu Val Thr Leu
 1              5              10              15
Leu Ile Cys Phe Ser Pro Asp Arg Leu Thr Cys Pro Leu Asn Ser
              20              25              30
Ala Val Val Leu Ala Ser Tyr Ala Val Gln Cys Lys Ser Gln Arg
              35              40              45
Glu His Phe Thr Asp Gly Gln Val Val Leu Ile Ser Val Trp Arg
              50              55              60
Lys Ser Leu Val Pro Pro Ala
              65

```

&lt;210&gt; 92

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2755786

&lt;400&gt; 92

```

Met Ala Gly Ala Arg Ala Ala Ala Ala Ala Ser Ala Gly Ser
 1              5              10              15

```

Ser Ala Ser Ser Gly Asn Gln Pro Pro Gln Glu Leu Gly Leu Gly	20	25	30
Glu Leu Leu Glu Glu Phe Ser Arg Thr Gln Tyr Arg Ala Lys Asp	35	40	45
Gly Ser Gly Thr Gly Gly Ser Lys Val Glu Arg Ile Glu Lys Arg	50	55	60
Cys Leu Glu Leu Phe Gly Arg Asp Tyr Cys Phe Ser Val Ile Pro	65	70	75
Asn Thr Asn Gly Asp Ile Cys Gly His Tyr Pro Arg His Ile Val	80	85	90
Phe Leu Glu Tyr Glu Ser Ser Glu Lys Glu Lys Asp Thr Phe Glu	95	100	105
Ser Thr Val Gln Val Ser Lys Leu Gln Asp Leu Ile His Arg Ser	110	115	120
Lys Met Ala Arg Cys Arg Gly Arg Phe Val Cys Pro Val Ile Leu	125	130	135
Phe Lys Gly Lys His Ile Cys Arg Ser Ala Thr Leu Ala Gly Trp	140	145	150
Gly Glu Leu Tyr Gly Arg Ser Gly Tyr Asn Tyr Phe Phe Ser Gly	155	160	165
Gly Ala Asp Asp Ala Trp Ala Asp Val Glu Asp Val Thr Glu Glu	170	175	180
Asp Cys Ala Leu Arg Ser Gly Asp Thr His Leu Phe Asp Lys Val	185	190	195
Arg Gly Tyr Asp Ile Lys Leu Leu Arg Tyr Leu Ser Val Lys Tyr	200	205	210
Ile Cys Asp Leu Met Val Glu Asn Lys Lys Val Lys Phe Gly Met	215	220	225
Asn Val Thr Ser Ser Glu Lys Val Asp Lys Ala Gln Arg Tyr Ala	230	235	240
Asp Phe Thr Leu Leu Ser Ile Pro Tyr Pro Gly Cys Glu Phe Phe	245	250	255
Lys Glu Tyr Lys Asp Arg Asp Tyr Met Ala Glu Gly Leu Ile Phe	260	265	270
Asn Trp Lys Gln Asp Tyr Val Asp Ala Pro Leu Ser Ile Pro Asp	275	280	285
Phe Leu Thr His Ser Leu Asn Ile Asp Trp Ser Gln Tyr Gln Cys	290	295	300
Trp Asp Leu Val Gln Gln Thr Gln Asn Tyr Leu Lys Leu Leu Leu	305	310	315
Ser Leu Val Asn Ser Asp Asp Asp Ser Gly Leu Leu Val His Cys	320	325	330
Leu Ser Val Trp Asp Arg Thr Phe Leu Ile Thr Ser Leu Leu Arg	335	340	345
Leu Ser Leu Trp Ala Asp Gly Leu Ile His Thr Ser Leu Lys Pro	350	355	360
Gly His Met Leu Val Asp Arg Leu Ser Lys Gly Glu Glu Ile Phe	365	370	375
Phe Phe Cys Phe Asn Phe Leu Lys His Ile Thr Ser Glu Glu Phe	380	385	390
Ser Ala Leu Lys Thr Gln Arg Arg Lys Ser Leu Pro Ala Arg Asp	395	400	405
Gly Gly Phe Thr Leu Glu Asp Ile Cys Met Leu Arg Arg Lys Asp	410	415	420
Arg Gly Ser Thr Thr Ser Leu Gly Ser Asp Phe Ser Leu Val Met	425	430	435

	440		445		450
Glu Ser Ser Pro	Gly Ala Thr Gly Ser	Phe Thr Tyr Glu Ala Val			
	455		460		465
Glu Leu Val Pro	Ala Gly Ala Pro Thr	Gln Ala Ala Trp Leu Ala			
	470		475		480
Ala Leu Ser Asp	Arg Glu Thr Arg Leu	Gln Glu Val Arg Ser Ala			
	485		490		495
Phe Leu Ala Ala	Tyr Ser Ser Thr Val	Gly Leu Arg Ala Val Ala			
	500		505		510
Pro Ser Pro Ser	Gly Ala Ile Gly Gly	Leu Leu Glu Gln Phe Ala			
	515		520		525
Arg Gly Val Gly	Leu Arg Ser Ile Ser	Ser Asn Ala Leu			
	530		535		

&lt;210&gt; 93

&lt;211&gt; 58

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2831245

&lt;400&gt; 93

Met Glu Met Lys Gly Ser Arg Val Trp Leu Leu Leu Leu Phe Met		
1	5	10 15
Trp Lys Ala Arg Pro Thr Phe Phe Gln Ser Cys Val Val Pro Phe		
	20	25 30
Ile Leu Ser Pro Gln Asn Cys Val Gln Thr His Ser Leu Gly Pro		
	35	40 45
Gly Val Trp Leu Gly Val Phe Pro Ser Gly Ser Leu His		
	50	55

&lt;210&gt; 94

&lt;211&gt; 119

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;400&gt; 94

Met Lys Val Leu Ile Ser Ser Leu Leu Leu Leu Pro Leu Met		
1	5	10 15
Leu Met Ser Met Val Ser Ser Ser Leu Asn Pro Gly Val Ala Arg		
	20	25 30
Gly His Val Val Val Val Val Val Val Val Val Val Val Val		
	35	40 45
Gly Gly Gln Glu Cys Glu Cys Lys Asp Trp Phe Leu Arg Ala Pro		
	50	55 60



Arg	Arg	Lys	Phe	Met	Thr	Val	Ser	Gly	Leu	Pro	Lys	Lys	Gln	Cys	
				65					70					75	
Pro	Cys	Asp	His	Phe	Lys	Gly	Asn	Val	Lys	Lys	Thr	Arg	His	Gln	
				80					85					90	
Arg	His	His	Arg	Lys	Pro	Asn	Lys	His	Ser	Arg	Ala	Cys	Gln	Gln	
				95					100					105	
Phe	Leu	Lys	Gln	Cys	Gln	Leu	Arg	Ser	Phe	Ala	Leu	Pro	Leu		
				110					115						

<210> 95  
 <211> 128  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 3129630

<400> 95															
Met	Ala	Tyr	Ser	Thr	Val	Gln	Arg	Val	Ala	Leu	Ala	Ser	Gly	Leu	
1				5					10					15	
Val	Leu	Ala	Leu	Ser	Leu	Leu	Leu	Pro	Lys	Ala	Phe	Leu	Ser	Arg	
				20					25					30	
Gly	Lys	Arg	Gln	Glu	Pro	Pro	Pro	Thr	Pro	Glu	Gly	Lys	Leu	Gly	
				35					40					45	
Arg	Phe	Pro	Pro	Met	Met	His	His	His	Gln	Ala	Pro	Ser	Asp	Gly	
				50					55					60	
Gln	Thr	Pro	Gly	Ala	Arg	Phe	Gln	Arg	Ser	His	Leu	Ala	Glu	Ala	
				65					70					75	
Phe	Ala	Lys	Ala	Lys	Gly	Ser	Gly	Gly	Gly	Ala	Gly	Gly	Gly	Gly	
				80					85					90	
Ser	Gly	Arg	Gly	Leu	Met	Gly	Gln	Ile	Ile	Pro	Ile	Tyr	Gly	Phe	
				95					100					105	
Gly	Ile	Phe	Leu	Tyr	Ile	Leu	Tyr	Ile	Leu	Phe	Lys	Val	Ser	Arg	
				110					115					120	
Ile	Ile	Leu	Ile	Ile	Leu	His	Gln								
				125											

<210> 96  
 <211> 124  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 007632

<400> 96															
Met	Tyr	Lys	Leu	Ala	Ser	Cys	Cys	Leu	Leu	Phe	Ile	Gly	Phe	Leu	
1				5					10					15	
Asn	Pro	Leu	Leu	Ser	Leu	Pro	Leu	Leu	Asp	Ser	Arg	Glu	Ile	Ser	

	20		25		30
Phe	Gln	Leu	Ser	Ala	Pro
	35		40		45
Glu	Leu	Glu	Arg	Ala	Ser
	50		55		60
Gly	Ala	Glu	Arg	Gly	Asp
	65		70		75
Asn	Ile	Phe	Asn	Pro	Arg
	80		85		90
Ser	Gly	Gln	Asp	Pro	Asn
	95		100		105
Ile	Trp	Lys	Pro	Tyr	Lys
	110		115		120
Lys	Tyr	Cys	Val		

&lt;210&gt; 97

&lt;211&gt; 182

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1236968

&lt;400&gt; 97

Met	Trp	Pro	Leu	Ser	Ser	Asp	Ser	Ser	Trp	Ser	Leu	Trp	Ile	Ser
1			5			10			15					
Thr	Gly	Met	Ala	Pro	Ala	Pro	Ser	Ser	Ser	Thr	Arg	Ser	Phe	Ser
			20			25			30					
Glu	Ser	Leu	Lys	Gln	Lys	Leu	Val	Arg	Val	Leu	Glu	Glu	Asn	Leu
			35			40			45					
Ile	Leu	Ser	Glu	Lys	Ile	Gln	Gln	Leu	Glu	Gly	Ala	Ala	Ile	
			50			55			60					
Ser	Ile	Val	Ser	Gly	Gln	Gln	Ser	His	Thr	Tyr	Asp	Asp	Leu	Leu
			65			70			75					
His	Lys	Asn	Gln	Gln	Leu	Thr	Met	Gln	Val	Ala	Cys	Leu	Asn	Gln
			80			85			90					
Glu	Leu	Ala	Gln	Leu	Lys	Lys	Leu	Glu	Lys	Thr	Val	Ala	Ile	Leu
			95			100			105					
Gln	Gln	Leu	Asn	Lys	Glu	Pro	Lys	Gly	Tyr	Ser	Gly	Lys	Ala	Leu
			110			115			120					
Gln	Gln	Leu	Asn	Lys	Glu	Pro	Lys	Gly	Tyr	Ser	Gly	Lys	Ala	Leu
			125			130			135					
Gly	Lys	Ser	Thr	Leu	Ser	Ser	Ser	Ser	Pro	Val	Ala	His	Glu	Thr
			140			145			150					
Gly	Gln	Tyr	Leu	Ile	Gln	Ser	Val	Leu	Asp	Ala	Ala	Pro	Glu	Pro
			155			160			165					
Gly	Gln	Tyr	Leu	Ile	Gln	Ser	Val	Leu	Asp	Ala	Ala	Pro	Glu	Pro
			170			175			180					
Gly	Leu													

<210> 98  
 <211> 237  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 1334153

<400> 98  
 Met Lys Gly Ile Leu Val Ala Gly Ile Thr Ala Val Leu Val Ala  
   1                  5                  10                  15  
 Ala Val Glu Ser Leu Ser Cys Val Pro Cys Asn Ser Trp Glu Lys  
                   20                  25                  30  
 Ser Cys Val Asn Ser Ile Ala Ser Glu Cys Pro Ser His Ala Asn  
                   35                  40                  45  
 Thr Ser Cys Ile Ser Ser Ser Ala Ser Ser Ser Leu Glu Thr Pro  
                   50                  55                  60  
 Val Arg Leu Tyr Gln Asn Met Phe Cys Ser Ala Glu Asn Cys Ser  
                   65                  70                  75  
 Glu Glu Thr His Ile Thr Ala Phe Thr Val His Val Ser Ala Glu  
                   80                  85                  90  
 Glu His Phe His Phe Val Ser Gln Cys Cys Gln Gly Lys Glu Cys  
                   95                  100                 105  
 Ser Asn Thr Ser Asp Ala Leu Asp Pro Pro Leu Lys Asn Val Ser  
                  110                 115                 120  
 Ser Asn Ala Glu Cys Pro Ala Cys Tyr Glu Ser Asn Gly Thr Ser  
                  125                 130                 135  
 Cys Arg Gly Lys Pro Trp Lys Cys Tyr Glu Glu Glu Gln Cys Val  
                  140                 145                 150  
 Phe Leu Val Ala Glu Leu Lys Asn Asp Ile Glu Ser Lys Ser Leu  
                  155                 160                 165  
 Val Leu Lys Gly Cys Ser Asn Val Ser Asn Ala Thr Cys Gln Phe  
                  170                 175                 180  
 Leu Ser Gly Glu Asn Lys Thr Leu Gly Gly Val Ile Phe Arg Lys  
                  185                 190                 195  
 Phe Glu Cys Ala Asn Val Asn Ser Leu Thr Pro Thr Ser Ala Pro  
                  200                 205                 210  
 Thr Thr Ser His Asn Val Gly Ser Lys Ala Ser Leu Tyr Leu Leu  
                  215                 220                 225  
 Ala Leu Ala Ser Leu Leu Leu Arg Gly Leu Leu Pro  
                  230                 235

<211> 160  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 1390975

<400> 99  
 Met Arg Pro Gly Pro Met Leu Gln Ala Arg Val Ser Ile Pro Ala

1	5	10	15
Ala Leu Gly Thr	Leu Phe Pro Arg Pro Gly Trp Ala Pro Gly Glu		
	20	25	30
Val Ser Ser Glu Ile	Ser Ser Arg Asp Leu Leu Asn Pro His Pro		
	35	40	45
Ser Thr Pro Ser Cys	Cys Ser Gln Ser Trp Ser Pro Met Ser Val		
	50	55	60
Leu Glu Pro Asp Ser	Arg Gly Pro Pro Pro Ile Ser Leu Thr His		
	65	70	75
Thr Gly Ile His Thr	Pro Gln Lys Thr Ser Gln Met Arg Pro Asp		
	80	85	90
Ser Gly Ser Arg Gly	Met Cys Phe Cys Pro Cys Lys Gly Phe Gly		
	95	100	105
Glu Gly Gly Asn Ile	Val Glu Ala Gly Lys Ser Pro Gln Thr Cys		
	110	115	120
Ala His Ala Pro Pro	Ala Leu Arg Phe His Ser Ala Phe Ser Glu		
	125	130	135
Cys Pro Cys Cys Thr	Gln Thr Thr Gly Gln Glu Arg Pro Ser Leu		
	140	145	150
Pro Leu Gln Pro Leu	Ser Leu Pro Phe Asn		
	155	160	

<210> 100

<211> 148

<212> PRT

<213> Homo sapiens

<220>

<221> misc\_feature

<223> Incyte Clone No: 1501749

<400> 100

Met Ala Ala Ser Pro	Ala Arg Pro Ala Val Leu Ala Leu Thr Gly	
1	5	10
Leu Ala Leu Leu Leu	Leu Leu Cys Trp Gly Pro Gly Gly Ile Ser	
	20	25
Gly Asn Lys Leu Lys	Leu Met Leu Gln Lys Arg Glu Ala Pro Val	
	35	40
Pro Thr Lys Thr Lys	Ala Val Asp Gly Asn Lys Ala Lys Gln	
	50	55
Phe Leu Gly Ser Leu	Lys Arg Gln Lys Arg Gln Leu Trp Asp Arg	
	65	70
Thr Arg Pro Glu Val	Gln Gln Trp Tyr Gln Gln Phe Leu Tyr Met	
Gly Phe Asp Glu Ala	Lys Phe Glu Asp Asp Ile Thr Tyr Trp Leu	
	95	100
Asn Arg Asp Arg Asn	Gly His Glu Tyr Tyr Gly Asp Tyr Tyr Gln	
	110	115
Arg His Tyr Asp Glu	Asp Ser Ala Ile Gly Pro Arg Ser Pro Tyr	
	125	130
Gly Phe Arg His Gly	Ala Ser Val Asn Tyr Asp Asp Tyr	
	140	145

<210> 101  
 <211> 170  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 1575240

<400> 101  
 Met Thr Pro Thr Lys Arg Glu Pro Pro Ala Ala Pro Leu Leu Leu  
 1 5 10 15  
 Arg Val Leu Pro Gln Leu Ser Ala Met Ser Leu Arg Leu Ser Thr  
 20 25 30  
 Arg Arg Glu Asp Met Ile Gly Gln Thr Ser Gly Met Cys Ser Phe  
 35 40 45  
 Cys Ser Phe Gln Asn Met Arg Gly Glu Ser Ile Trp Leu Leu Cys  
 50 55 60  
 Leu Glu Glu Glu Gly Ala Gly Leu Cys Gln Asn Ser Leu Asp Lys  
 65 70 75  
 Arg Phe Ser Gln Lys Glu Gly Cys Ser Asp Asp Lys Ser Pro Leu  
 80 85 90  
 His His Phe Pro Trp Leu Ser Asp Ala Pro Pro Ser Ser His Ala  
 95 100 105  
 Arg Thr Ser Glu Ile Arg Leu Pro Pro Asp Ile Thr Gln Pro Cys  
 110 115 120  
 Leu Thr Lys Arg Gln Trp Phe Ile Pro Ser Leu Gly Glu Lys Arg  
 125 130 135  
 Gly Asn Ala Lys Leu Leu His Gln Leu Leu Ile Leu Leu Pro Ala  
 140 145 150  
 Arg Asn Pro Gly Tyr Leu Gln Val Ser Leu Pro Leu Val Trp Ser  
 155 160 165  
 Trp Leu Ser Leu Phe  
 170

<210> 102  
 <211> 150  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<400> 102  
 Met Gly Ala Ala Ala Trp Ala Arg Pro Leu Ser Val Ser Phe Leu  
 1 5 10 15  
 Leu Leu Leu Leu Pro Leu Pro Gly Met Pro Ala Gly Ser Trp Asp  
 20 25 30  
 Pro Ala Gly Tyr Leu Leu Tyr Gln Ile Cys Ile Gly Ile Val Ser  
 35 40 45  
 Gln Ala Leu Cys Ser Asp Gly Glu Thr Glu Ala Gly Arg Gly Lys  
 50 55 60

Ala	Thr	Pro	Gln	Met	Arg	Pro	Glu	Thr	Pro	Ser	Gln	Val	Gln	Glu
				65						70				75
Arg	Thr	Ser	Glu	Arg	Asp	Gly	Ala	Cys	Ser	Ser	Pro	Leu	Cys	Leu
				80						85				90
Ser	Cys	Lys	Gly	Thr	Glu	Gly	Pro	Thr	Cys	Pro	Thr	Phe	His	Leu
				95						100				105
Thr	Asp	Glu	Lys	Thr	Glu	Ala	Gly	Arg	Gly	Tyr	Val	Thr	Cys	Leu
				110						115				120
Arg	Ser	Lys	Pro	Val	Gln	Gly	Pro	Val	Asn	Gly	Val	Ser	Gly	Ala
				125						130				135
Gly	Leu	Asp	Val	Thr	Asp	Pro	Arg	Trp	Leu	Leu	Val	Ile	Phe	His
				140						145				150

&lt;210&gt; 103

&lt;211&gt; 142

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1661144

&lt;400&gt; 103

Met	Gly	Cys	Leu	Val	Trp	Gly	Pro	Ser	Trp	Pro	Pro	Leu	Ser	Leu
1				5					10					15
Leu	Ala	Ser	Leu	Leu	His	Ser	Gly	Ile	Ala	Gly	Arg	Cys	Leu	Leu
				20					25					30
Cys	Leu	Phe	Lys	Gly	Leu	Ala	Ala	Ala	Ala	Ser	Leu	Gln	Ile	Arg
				35					40					45
Asp	Leu	Ala	Ser	Arg	Leu	Thr	Thr	Gly	Pro	Arg	Thr	Cys	Arg	Val
				50					55					60
Gln	Pro	Pro	Pro	His	Pro	Gln	Ser	Ser	Pro	Pro	Trp	Pro	Gly	Pro
				65					70					75
Pro	Gly	Ala	Glu	Thr	Cys	Arg	Pro	Leu	Ser	Arg	Thr	Val	Gly	Gly
				80					85					90
Val	Cys	Pro	Ser	Asp	Trp	Pro	Val	Ser	Trp	Leu	Leu	Leu	Pro	Pro
				95					100					105
Leu	Pro	Glu	Val	Val	Thr	Cys	Ser	Cys	Pro	Arg	Ile	Lys	Ala	Arg
				110					115					120
Leu	Pro	Arg	Thr	Leu	Glu	Pro	Leu	Gly	Pro	Arg	Leu	Leu	Leu	Arg
				125					130					135
Lys	His	Ser	Gln	Leu	Val	Ala								
				140										

&lt;210&gt; 103

&lt;211&gt; 110

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

<223> Incyte Clone No: 1685409

<400> 104

```

Met Glu Thr Gly Arg Leu Leu Ser Leu Ser Ser Leu Pro Leu Val
 1          5          10          15
Leu Leu Gly Trp Glu Tyr Ser Ser Gln Thr Leu Asn Leu Val Pro
          20          25          30
Ser Thr Ser Ile Leu Ser Phe Val Pro Phe Ile Pro Leu His Leu
          35          40          45
Val Leu Phe Ala Leu Trp Tyr Leu Pro Val Pro His His Leu Tyr
          50          55          60
Pro Gln Gly Leu Gly Asp His Ala Ala Glu Ala Glu Lys Gly Lys
          65          70          75
Arg Glu Glu Gly Gly Thr Gln Val Ala Leu Trp Leu Arg Val Gln
          80          85          90
Pro Ser Cys Pro Ser Pro Val Cys Leu Glu Pro Val Pro Pro Arg
          95          100          105
Ser Arg Phe Leu Leu
          110

```

<210> 105

<211> 120

<212> PRT

<213> Homo sapiens

<220>

<221> misc\_feature

<223> Incyte Clone No: 1731419

<400> 105

```

Met Ser Arg Ala Gly Met Leu Gly Val Val Cys Ala Leu Leu Val
 1          5          10          15
Trp Ala Tyr Leu Ala Val Gly Lys Leu Val Val Arg Met Thr Phe
          20          25          30
Thr Glu Leu Cys Thr His His Pro Trp Ser Leu Arg Cys Glu Ser
          35          40          45
Phe Cys Arg Ser Arg Val Thr Ala Cys Leu Pro Ala Pro Ala Pro
          50          55          60
Thr Leu Arg Pro Phe Leu Cys Pro Met Leu Phe Ser Asp Arg Asn
          65          70          75
Pro Val Glu Cys His Leu Phe Gly Glu Ala Val Ser Asp Pro Val
          80          85          90
Cys Lys Gly Leu Leu Pro His Tyr Phe Trp His Pro Thr Phe Phe
          95          100          105
Pro Val Lys Ala Asn Cys Leu Val Ser Phe Cys Pro Thr Thr Val
          110          115          120

```

<210> 10

<211> 135

<212> PRT

<213> Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2650265

&lt;400&gt; 106

```

Met Ala Arg Phe Trp Val Cys Val Ala Gly Ala Gly Phe Phe Leu
  1              5              10              15
Ala Phe Leu Val Leu His Ser Arg Phe Cys Gly Ser Pro Val Leu
              20              25              30
Arg Asn Phe Thr Phe Ala Val Ser Trp Arg Thr Glu Lys Ile Leu
              35              40              45
Tyr Arg Leu Asp Val Gly Trp Pro Lys His Pro Glu Tyr Phe Thr
              50              55              60
Gly Thr Thr Phe Cys Val Ala Val Asp Ser Leu Asn Gly Leu Val
              65              70              75
Tyr Ile Gly Gln Arg Gly Asp Asn Ile Pro Lys Ile Leu Val Phe
              80              85              90
Thr Glu Asp Gly Tyr Phe Leu Arg Ala Trp Asn Tyr Thr Val Asp
              95              100             105
Thr Pro His Gly Ile Phe Ala Ala Ser Thr Leu Tyr Glu Gln Ser
              110             115             120
Val Trp Ile Thr Asp Val Gly Ser Gly Met Tyr Ser Asn Ile Tyr
              125             130             135

```

&lt;210&gt; 107

&lt;211&gt; 301

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2677129

&lt;400&gt; 107

```

Met Leu Met Ile Ile Ile Ile Glu Pro Phe Ser Val Leu Ile Leu
  1              5              10              15
Phe Lys Ser Gly Ile Leu Ala Asp Phe Phe Ala Leu Leu Leu Leu
              20              25              30
Ile Asn Phe Phe Ile Val Ser Phe Phe Ile Ala Thr Pro Leu Phe
              35              40              45
Asn Asn Gln Ile Asn Ser Arg Ser Met Asn Glu Ile Lys Asn Leu
              50              55              60
Gln Tyr Leu Pro Arg Thr Ser Glu Pro Arg Glu Val Leu Phe Glu
              65
Asp Arg Thr Arg Ala His Ala Asp His Val Gly Gln Gly Phe Asp
              80              85              90
Trp Gln Ser Thr Ala Ala Val Gly Val Leu Lys Ala Val Gln Phe
              95              100             105
Gly Glu Trp Ser Asp Gln Pro Arg Ile Thr Lys Asp Val Ile Cys
              110             115             120
Val Val Val Val Val Val Val Val Val Val Val Val Val Val
              125             130             135
Asp Leu His Glu Pro Pro Val Ser Gln Cys Val Gln Trp Val Asp
              140             145             150

```



Glu	Ala	Lys	Leu	Asn	Gln	Met	Arg	Arg	Glu	Gly	Ile	Arg	Tyr	Ala	
				155					160					165	
Arg	Ile	Gln	Leu	Cys	Asp	Asn	Asp	Ile	Tyr	Phe	Ile	Pro	Arg	Asn	
				170					175					180	
Val	Ile	His	Gln	Phe	Lys	Thr	Val	Ser	Ala	Val	Cys	Ser	Leu	Ala	
				185					190					195	
Trp	His	Ile	Arg	Leu	Lys	Gln	Tyr	His	Pro	Val	Val	Glu	Ala	Thr	
				200					205					210	
Gln	Asn	Thr	Glu	Ser	Asn	Ser	Asn	Met	Asp	Cys	Gly	Leu	Thr	Gly	
				215					220					225	
Lys	Arg	Glu	Leu	Glu	Val	Asp	Ser	Gln	Cys	Val	Arg	Ile	Lys	Thr	
				230					235					240	
Glu	Ser	Glu	Glu	Ala	Cys	Thr	Glu	Ile	Gln	Leu	Leu	Thr	Thr	Ala	
				245					250					255	
Ser	Ser	Ser	Phe	Pro	Pro	Ala	Ser	Glu	Leu	Asn	Leu	Gln	Gln	Asp	
				260					265					270	
Gln	Lys	Thr	Gln	Pro	Ile	Pro	Val	Leu	Lys	Val	Glu	Ser	Arg	Leu	
				275					280					285	
Asp	Ser	Asp	Gln	Gln	His	Asn	Leu	Gln	Glu	His	Ser	Thr	Thr	Ser	
				290					295					300	

Val

&lt;210&gt; 108

&lt;211&gt; 103

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 3151073

&lt;400&gt; 108

Met	Ser	Phe	Val	Pro	Gly	Leu	Leu	Leu	Cys	Phe	Val	Leu	Leu	Leu	
1				5					10					15	
Cys	Val	Ser	Pro	Val	Tyr	Leu	Pro	Ser	Arg	Ser	Pro	Ser	Thr	Phe	
				20					25					30	
Pro	Ile	Ser	Glu	Pro	Leu	Ser	Phe	Ile	Gly	Met	Ser	Ala	Trp	Pro	
				35					40					45	
Gln	Cys	Ser	Ile	Ile	Tyr	Ser	Gln	Thr	Phe	Gln	Leu	Ala	Thr	Gln	
				50					55					60	
Pro	Ser	Ser	Phe	Pro	Lys	Arg	Arg	Tyr	Trp	Val	Cys	Thr	Leu	His	
				65					70					75	
Glu	Ile	Lys	Trp	Glu	Cys	Pro	Arg	Ser	Arg	Arg	Thr	Ser	Asp	Ala	
Val	His	Ala	Asn	Lys	Leu	Gly	Leu	Pro	Leu	Lys	Ile	Ile			
				95					100						

&lt;210&gt; 108

&lt;211&gt; 95

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 3170095

&lt;400&gt; 109

```

Met Lys Phe Leu Leu Leu Val Leu Ala Ala Leu Gly Phe Leu Thr
  1                      5                      10                      15
Gln Val Ile Pro Ala Ser Ala Gly Gly Ser Lys Cys Val Ser Asn
                      20                      25                      30
Thr Pro Gly Tyr Cys Arg Thr Cys Cys His Trp Gly Glu Thr Ala
                      35                      40                      45
Leu Phe Met Cys Asn Ala Ser Arg Lys Cys Cys Ile Ser Tyr Ser
                      50                      55                      60
Phe Leu Pro Lys Pro Asp Leu Pro Gln Leu Ile Gly Asn His Trp
                      65                      70                      75
Gln Ser Arg Arg Arg Asn Thr Gln Arg Lys Asp Lys Lys Gln Gln
                      80                      85                      90
Thr Thr Val Thr Ser
                      95

```

&lt;210&gt; 110

&lt;211&gt; 113

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 3475168

&lt;400&gt; 110

```

Met Ser Pro Ser Pro Arg Trp Gly Phe Leu Cys Val Leu Phe Thr
  1                      5                      10                      15
Ala Val His Pro Ala Pro Ser Thr Ala Pro Val Gln Asp Lys Cys
                      20                      25                      30
Pro Val Asn Thr Trp Glu Ala Met Gln Ala Ser Ser Gln Gln Leu
                      35                      40                      45
Leu Gln Thr Asp Pro Arg Pro Lys Pro Phe Leu Leu Pro Pro Leu
                      50                      55                      60
Pro Pro Leu Leu Ile Ser Ala Gly Thr Gln Val Ser Ser Leu
                      65                      70                      75
Val Phe Gln Lys Ser Pro Leu His Thr Gln Pro Glu Gly Ala Ile
                      80                      85                      90
Iys Thr Ala Gly Gln Pro Thr Ser Val His Ser Lys Val Leu Ser
                      1
Lys Gly Ser Leu Leu Leu Gly Glu
                      110

```

&lt;210&gt; 111

&lt;211&gt; 234

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 3836893

&lt;400&gt; 111

```

Met Arg Lys Thr Arg Leu Trp Gly Leu Leu Trp Met Leu Phe Val
 1              5              10              15
Ser Glu Leu Arg Ala Ala Thr Lys Leu Thr Glu Glu Lys Tyr Glu
              20              25              30
Leu Lys Glu Gly Gln Thr Leu Asp Val Lys Cys Asp Tyr Thr Leu
              35              40              45
Glu Lys Phe Ala Ser Ser Gln Lys Ala Trp Gln Ile Ile Arg Asp
              50              55              60
Gly Glu Met Pro Lys Thr Leu Ala Cys Thr Glu Arg Pro Ser Lys
              65              70              75
Asn Ser His Pro Val Gln Val Gly Arg Ile Ile Leu Glu Asp Tyr
              80              85              90
His Asp His Gly Leu Leu Arg Val Arg Met Val Asn Leu Gln Val
              95              100             105
Glu Asp Ser Gly Leu Tyr Gln Cys Val Ile Tyr Gln Pro Pro Lys
              110             115             120
Glu Pro His Met Leu Phe Asp Arg Ile Arg Leu Val Val Thr Lys
              125             130             135
Gly Phe Ser Gly Thr Pro Gly Ser Asn Glu Asn Ser Thr Gln Asn
              140             145             150
Val Tyr Lys Ile Pro Pro Thr Thr Thr Lys Ala Leu Cys Pro Leu
              155             160             165
Tyr Thr Ser Pro Arg Thr Val Thr Gln Ala Pro Pro Lys Ser Thr
              170             175             180
Ala Asp Val Ser Thr Pro Asp Ser Glu Ile Asn Leu Thr Asn Val
              185             190             195
Thr Asp Ile Ile Arg Val Pro Val Phe Asn Ile Val Ile Leu Leu
              200             205             210
Ala Gly Gly Phe Leu Ser Lys Ser Leu Val Phe Ser Val Leu Phe
              215             220             225
Ala Val Thr Leu Arg Ser Phe Val Pro
              230

```

&lt;210&gt; 112

&lt;211&gt; 112

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 4072159

&lt;400&gt; 112

```

Met Val Leu Pro Leu Pro Trp Leu Ser Arg Tyr His Phe Leu Arg
 1              5              10              15
Ile Ile Ile Cys Trp Ser Thr Ala Pro
              20              25              30
Cys Cys Ser Gln Asn Pro Lys Ala Ser Met Glu Glu Gln Thr Asn
              35              40              45

```

```

Ser Arg Gly Asn Gly Lys Met Thr Ser Pro Pro Arg Gly Pro Gly
      50                      55                      60
Thr His Arg Thr Ala Glu Leu Ala Arg Ala Glu Glu Leu Leu Glu
      65                      70                      75
Gln Gln Leu Glu Leu Tyr Gln Ala Leu Leu Glu Gly Gln Glu Gly
      80                      85                      90
Ala Trp Glu Ala Gln Ala Leu Val Leu Lys Ile Gln Lys Leu Lys
      95                      100                     105
Glu Gln Met Arg Arg His Gln Glu Ser Leu Gly Gly Gly Ala
      110                     115

```

&lt;210&gt; 113

&lt;211&gt; 200

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1003916

&lt;400&gt; 113

```

Met Ala Ser Ser Leu Thr Cys Thr Gly Val Ile Trp Ala Leu Leu
  1          5          10          15
Ser Phe Leu Cys Ala Ala Thr Ser Cys Val Gly Phe Phe Met Pro
      20          25          30
Tyr Trp Leu Trp Gly Ser Gln Leu Gly Lys Pro Val Ser Phe Gly
      35          40          45
Thr Phe Arg Arg Cys Ser Tyr Pro Val His Asp Glu Ser Arg Gln
      50          55          60
Met Met Val Met Val Glu Glu Cys Gly Arg Tyr Ala Ser Phe Gln
      65          70          75
Gly Ile Pro Ser Ala Glu Trp Arg Ile Cys Thr Ile Val Thr Gly
      80          85          90
Leu Gly Cys Gly Leu Leu Leu Leu Val Ala Leu Thr Ala Leu Met
      95          100         105
Gly Cys Cys Val Ser Asp Leu Ile Ser Arg Thr Val Gly Arg Val
      110         115         120
Ala Gly Gly Ile Gln Phe Leu Gly Gly Leu Leu Ile Gly Ala Gly
      125         130         135
Cys Ala Leu Tyr Phe Leu Gly Trp Arg Ser Glu Glu Val Arg Gln
      140         145         150
Thr Cys Gly Tyr Thr Ser Gly Gln Phe Asp Leu Gly Lys Cys Glu
      155         160         165
          170         175         180
Met Leu Leu Cys Thr Trp Leu Ala Cys Phe Ser Gly Lys Lys Gln
      185         190         195
Lys His Tyr Pro Tyr
      200

```

&lt;210&gt; 114

&lt;211&gt; 225

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2093492

&lt;400&gt; 114

```

Met Gly Phe Arg Leu Glu Gly Ile Phe Pro Ala Ala Leu Leu Pro
 1          5          10          15
Leu Leu Leu Thr Met Ile Leu Phe Leu Gly Pro Leu Met Gln Leu
          20          25          30
Ser Met Asp Cys Pro Cys Asp Leu Ala Asp Gly Leu Lys Val Val
          35          40          45
Leu Ala Pro Arg Ser Trp Ala Arg Cys Leu Thr Asp Met Arg Trp
          50          55          60
Leu Arg Asn Gln Val Ile Ala Pro Leu Thr Glu Glu Leu Val Phe
          65          70          75
Arg Ala Cys Met Leu Pro Met Leu Ala Pro Cys Met Gly Leu Gly
          80          85          90
Pro Ala Val Phe Thr Cys Pro Leu Phe Phe Gly Val Ala His Phe
          95          100          105
His His Ile Ile Glu Gln Leu Arg Phe Arg Gln Ser Ser Val Gly
          110          115          120
Asn Ile Phe Leu Ser Ala Ala Phe Gln Phe Ser Tyr Thr Ala Val
          125          130          135
Phe Gly Ala Tyr Thr Ala Phe Leu Phe Ile Arg Thr Gly His Leu
          140          145          150
Ile Gly Pro Val Leu Cys His Ser Phe Cys Asn Tyr Met Gly Phe
          155          160          165
Pro Ala Val Cys Ala Ala Leu Glu His Pro Gln Arg Arg Pro Leu
          170          175          180
Leu Ala Gly Tyr Ala Leu Gly Val Gly Leu Phe Leu Leu Leu Leu
          185          190          195
Gln Pro Leu Thr Asp Pro Lys Leu Tyr Gly Ser Leu Pro Leu Cys
          200          205          210
Val Leu Leu Glu Arg Ala Gly Asp Ser Glu Ala Pro Leu Cys Ser
          215          220          225

```

&lt;210&gt; 115

&lt;211&gt; 155

&lt;212&gt; PPT

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2108789

&lt;400&gt; 115

```

Pro Leu Met Trp Ala Cys Arg Pro Pro Gln Asp Glu Pro Ser Gly
 1          5          10          15
          20          25          30

```

Thr	Asp	Pro	Pro	Pro	Pro	Arg	Leu	Gln	Pro	His	His	Val	Ser	Gly	
				35					40					45	
Leu	Gly	Leu	Gly	Gln	Ala	Trp	Ala	Gln	Ser	Trp	Ala	Pro	Arg	Gly	
				50					55					60	
Ser	Pro	Pro	Leu	Thr	Trp	Leu	Leu	Pro	Thr	Leu	Pro	Leu	Lys	Asp	
				65					70					75	
Gly	Pro	Ala	Ala	Arg	Leu	Pro	Pro	Pro	Pro	His	Thr	Thr	Leu	Gly	
				80					85					90	
Gly	Leu	Ser	His	Pro	Pro	Gln	Pro	Arg	Ser	Ala	Gln	Thr	Asp	Pro	
				95					100					105	
His	Ser	Ile	Pro	Arg	Pro	Ala	Ala	Gln	Val	Arg	Gly	Pro	Val	Leu	
				110					115					120	
Pro	Gly	Ala	Trp	Ala	Thr	Pro	Tyr	Ala	Ile	Ser	Ser	Glu	Gln	Pro	
				125					130					135	
Gly	Pro	Thr	Asp	Pro	His	Ala	Leu	Ser	Tyr	Val	Pro	Phe	Ser	Pro	
				140					145					150	
Asp	Phe	Phe	Cys	Thr											
				155											

&lt;210&gt; 116

&lt;211&gt; 468

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2171401

&lt;400&gt; 116

Met	Gly	Arg	Gly	Trp	Gly	Phe	Leu	Phe	Gly	Leu	Leu	Gly	Ala	Val	
1				5					10					15	
Trp	Leu	Leu	Ser	Ser	Gly	His	Gly	Glu	Glu	Gln	Pro	Pro	Glu	Thr	
				20					25					30	
Ala	Ala	Gln	Arg	Cys	Phe	Cys	Gln	Val	Ser	Gly	Tyr	Leu	Asp	Asp	
				35					40					45	
Cys	Thr	Cys	Asp	Val	Glu	Thr	Ile	Asp	Arg	Phe	Asn	Asn	Tyr	Arg	
				50					55					60	
Leu	Phe	Pro	Arg	Leu	Gln	Lys	Leu	Leu	Glu	Ser	Asp	Tyr	Phe	Arg	
				65					70					75	
Tyr	Tyr	Lys	Val	Asn	Leu	Lys	Arg	Ile	Cys	Ile	Ile	Trp	Asn	Asp	
				80					85					90	
Ile	Ser	Gln	Cys	Gly	Arg	Arg	Asp	Cys	Ala	Val	Lys	Pro	Cys	Gln	
				95					100					105	
				110					115					120	
Ser	Glu	Glu	Ala	Asn	Asn	Leu	Ile	Glu	Glu	Cys	Glu	Gln	Ala	Glu	
				125					130					135	
Arg	Leu	Gly	Ala	Val	Asp	Glu	Ser	Leu	Ser	Glu	Glu	Thr	Gln	Lys	
				140					145					150	
Ala	Val	Leu	Gln	Trp	Thr	Lys	His	Asp	Asp	Ser	Ser	Asp	Asn	Phe	
				155					160					165	
Cys	Glu	Ala	Asp	Asp	Ile	Gln	Ser	Pro	Glu	Ala	Glu	Tyr	Val	Asp	
				170					175					180	
Leu	Leu	Leu	Asn	Ile	Glu	Arg	Tyr	Thr	Gly	Tyr	Lys	Gly	Pro	Asp	

185	190	195
Ala Trp Lys Ile Trp Asn Val Ile Tyr	Glu Glu Asn Cys Phe Lys	
200	205	210
Pro Gln Thr Ile Lys Arg Pro Leu Asn	Pro Leu Ala Ser Gly Gln	
215	220	225
Gly Thr Ser Glu Glu Asn Thr Phe Tyr	Ser Trp Leu Glu Gly Leu	
230	235	240
Cys Val Glu Lys Arg Ala Phe Tyr Arg	Leu Ile Ser Gly Leu His	
245	250	255
Ala Ser Ile Asn Val His Leu Ser Ala	Arg Tyr Leu Leu Gln Glu	
260	265	270
Thr Trp Leu Glu Lys Lys Trp Gly His	Asn Ile Thr Glu Phe Gln	
275	280	285
Gln Arg Phe Asp Gly Ile Leu Thr Glu	Gly Glu Gly Pro Arg Arg	
290	295	300
Leu Lys Asn Leu Tyr Phe Leu Tyr Leu	Ile Glu Leu Arg Ala Leu	
305	310	315
Ser Lys Val Leu Pro Phe Phe Glu Arg	Pro Asp Phe Gln Leu Phe	
320	325	330
Thr Gly Asn Lys Ile Gln Asp Glu Glu	Asn Lys Met Leu Leu Leu	
335	340	345
Glu Ile Leu His Glu Ile Lys Ser Phe	Pro Leu His Phe Asp Glu	
350	355	360
Asn Ser Phe Phe Ala Gly Asp Lys Lys	Glu Ala His Lys Leu Lys	
365	370	375
Glu Asp Phe Arg Leu His Phe Arg Asn	Ile Ser Arg Ile Met Asp	
380	385	390
Cys Val Gly Cys Phe Lys Cys Arg Leu	Trp Gly Lys Leu Gln Thr	
395	400	405
Gln Gly Leu Gly Thr Ala Leu Lys Ile	Leu Phe Ser Glu Lys Leu	
410	415	420
Ile Ala Asn Met Pro Glu Ser Gly Pro	Ser Tyr Glu Phe His Leu	
425	430	435
Thr Arg Gln Glu Ile Val Ser Leu Phe	Asn Ala Phe Gly Arg Ile	
440	445	450
Ser Thr Ser Val Lys Glu Leu Glu Asn	Phe Arg Asn Leu Leu Gln	
455	460	465
Asn Ile His		

&lt;210&gt; 117

&lt;211&gt; 403

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2212530

&lt;400&gt; 117

Met Ser Thr Ser Thr Ser Pro Ala Ala Met Leu Leu Arg Arg Leu		
		15
Arg Arg Leu Ser Trp Gly Ser Thr Ala Val Gln Leu Phe Ile Leu		
	20	30
Thr Val Val Thr Phe Gly Leu Leu Ala Pro Leu Ala Cys His Arg		

	35	40	45
Leu Leu His Ser Tyr Phe Tyr Leu Arg His Trp His Leu Asn Gln			
	50	55	60
Met Ser Gln Glu Phe Leu Gln Gln Ser Leu Lys Glu Gly Glu Ala			
	65	70	75
Ala Leu His Tyr Phe Glu Glu Leu Pro Ser Ala Asn Gly Ser Val			
	80	85	90
Pro Ile Val Trp Gln Ala Thr Pro Arg Pro Trp Leu Val Ile Thr			
	95	100	105
Ile Ile Thr Val Asp Arg Gln Pro Gly Phe His Tyr Val Leu Gln			
	110	115	120
Val Val Ser Gln Phe His Arg Leu Leu Gln Gln Cys Gly Pro Gln			
	125	130	135
Cys Glu Gly His Gln Leu Phe Leu Cys Asn Val Glu Arg Ser Val			
	140	145	150
Ser His Phe Asp Ala Lys Leu Leu Ser Lys Tyr Val Pro Val Ala			
	155	160	165
Asn Arg Tyr Glu Gly Thr Glu Asp Asp Tyr Gly Asp Asp Pro Ser			
	170	175	180
Thr Asn Ser Phe Glu Lys Glu Lys Gln Asp Tyr Val Tyr Cys Leu			
	185	190	195
Glu Ser Ser Leu Gln Thr Tyr Asn Pro Asp Tyr Val Leu Met Val			
	200	205	210
Glu Asp Asp Ala Val Pro Glu Glu Gln Ile Phe Pro Val Leu Glu			
	215	220	225
His Leu Leu Arg Ala Arg Phe Ser Glu Pro His Leu Arg Asp Ala			
	230	235	240
Leu Tyr Leu Lys Leu Tyr His Pro Glu Arg Leu Gln His Tyr Ile			
	245	250	255
Asn Pro Glu Pro Met Arg Ile Leu Glu Trp Val Gly Val Gly Met			
	260	265	270
Leu Leu Gly Pro Leu Leu Thr Trp Ile Tyr Met Arg Phe Ala Ser			
	275	280	285
Arg Pro Gly Phe Ser Trp Pro Val Met Leu Phe Phe Ser Leu Tyr			
	290	295	300
Ser Met Gly Leu Val Glu Leu Val Gly Arg His Tyr Phe Leu Glu			
	305	310	315
Leu Arg Arg Leu Ser Pro Ser Leu Tyr Ser Val Val Pro Ala Ser			
	320	325	330
Gln Cys Cys Thr Pro Ala Met Leu Phe Pro Ala Pro Ala Ala Arg			
	335	340	345
Arg Thr Leu Thr Tyr Leu Ser Gln Val Thr Cys His Ile Gly Phe			
	350	355	360
Gly Lys Asp Met Ala Leu Tyr Ser Leu Leu Arg Ala Lys Gly Glu			
	365	370	375
Arg Ala Tyr Val Val Glu Pro Asn Leu Val Lys His Ile Gly Leu			
Phe Ser Ser Leu Arg Tyr Asn Phe His Pro Ser Leu Leu			
	395	400	

&lt;21&gt;

&lt;211&gt; 131

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens



<220>

<221> misc\_feature

<223> Incyte Clone No: 2253036

<400> 118

Met	Glu	Arg	Cys	Phe	His	Cys	Phe	Pro	Val	His	Leu	Val	Phe	Asn	
1				5					10					15	
Leu	Val	Gln	Ser	Phe	Ser	Pro	Ile	Ser	Gly	Val	Glu	Ser	Cys	Leu	
				20					25					30	
Leu	Pro	Gln	Cys	Asp	Lys	Cys	Trp	Pro	Met	Val	Tyr	Arg	Ser	Cys	
				35					40					45	
Asp	Ala	Ser	Arg	Gly	Leu	Val	Asn	Ala	Cys	Ile	Leu	Gly	Phe	Val	
				50					55					60	
Leu	Leu	Glu	Cys	Ser	Phe	Val	Gly	Ala	Leu	Asn	Asn	Tyr	Val	Arg	
				65					70					75	
Ser	Leu	Ala	Thr	Leu	Leu	Glu	Arg	Thr	His	Gly	Gly	Lys	Arg	Leu	
				80					85					90	
Lys	Leu	Cys	Glu	Glu	Ser	Gln	Ala	Ser	His	Pro	Ser	Phe	Ser	Ala	
				95					100					105	
Glu	Pro	Arg	His	Gln	Pro	Thr	Cys	Gln	Leu	Asn	Ala	Thr	Val	Arg	
				110					115					120	
Val	Ile	Thr	Ser	Lys	Ile	Thr	Arg	Lys	Thr	Thr					
				125					130						

<210> 119

<211> 556

<212> PRT

<213> Homo sapiens

<220>

<221> misc\_feature

<223> Incyte Clone No: 2280161

<400> 119

Met	Ala	Ala	Ala	Ala	Trp	Leu	Gln	Val	Leu	Pro	Val	Ile	Leu	Leu	
1				5					10					15	
Leu	Leu	Gly	Ala	His	Pro	Ser	Pro	Leu	Ser	Phe	Phe	Ser	Ala	Gly	
				20					25					30	
Pro	Ala	Thr	Val	Ala	Ala	Ala	Asp	Asn	Ser	Ile	Trp	His	Ile	Ile	
				35					40					45	
Ile	Pro	Ser	Gly	Lys	Asn	Tyr	Phe	Ser	Phe	Gly	Lys	Ile	Leu	Phe	
				50					55					60	
Arg	Asn	Thr	Thr	Ile	Phe	Leu	Lys	Phe	Asp	Gly	Glu	Pro	Cys	Asp	
Leu	Ser	Leu	Asn	Ile	Thr	Trp	Tyr	Leu	Lys	Ser	Ala	Asp	Cys	Tyr	
				80					85					90	
Asn	Glu	Ile	Tyr	Asn	Phe	Lys	Ala	Glu	Glu	Val	Glu	Leu	Tyr	Leu	
				95					100					105	
Glu	Lys	Leu	Lys	Glu	Lys	Arg	Gly	Leu	Ser	Gly	Lys	Tyr	Gln	Thr	
				110					115					120	
Leu	Leu	Leu	Leu	Gln	Asn	Cys	Ser	Gln	Leu	Leu	Ile	Gly	Leu		
				125					130					135	
Thr	Phe	Ser	Gly	Asp	Phe	Met	His	Arg	Leu	Pro	Leu	Leu	Gly	Glu	
				140					145					150	

Lys Gln Glu Ala	Lys Glu Asn Gly Thr Asn Leu Thr Phe Ile Gly	155	160	165
Asp Lys Thr Ala	Met His Glu Pro Leu Gln Thr Trp Gln Asp Ala	170	175	180
Pro Tyr Ile Phe	Ile Val His Ile Gly Ile Ser Ser Ser Lys Glu	185	190	195
Ser Ser Lys Glu	Asn Ser Leu Ser Asn Leu Phe Thr Met Thr Val	200	205	210
Glu Val Lys Gly	Pro Tyr Glu Tyr Leu Thr Leu Glu Asp Tyr Pro	215	220	225
Leu Met Ile Phe	Phe Met Val Met Cys Ile Val Tyr Val Leu Phe	230	235	240
Gly Val Leu Trp	Leu Ala Trp Ser Ala Cys Tyr Trp Arg Asp Leu	245	250	255
Leu Arg Ile Gln	Phe Trp Ile Gly Ala Val Ile Phe Leu Gly Met	260	265	270
Leu Glu Lys Ala	Val Phe Tyr Ala Glu Phe Gln Asn Ile Arg Tyr	275	280	285
Lys Gly Glu Ser	Val Gln Gly Ala Leu Ile Leu Ala Glu Leu Leu	290	295	300
Ser Ala Val Lys	Arg Ser Leu Ala Arg Thr Leu Val Ile Ile Val	305	310	315
Ser Leu Gly Tyr	Gly Ile Val Lys Pro Arg Leu Gly Val Thr Leu	320	325	330
His Lys Val Val	Val Ala Gly Ala Leu Tyr Leu Leu Phe Ser Gly	335	340	345
Met Glu Gly Val	Leu Arg Val Thr Gly Tyr Phe Ser Tyr Pro Leu	350	355	360
Thr Leu Ile Val	Asn Leu Ala Leu Ser Ala Val Asp Ala Cys Val	365	370	375
Ile Leu Trp Ile	Phe Ile Ser Leu Thr Gln Thr Met Lys Leu Leu	380	385	390
Lys Leu Arg Arg	Asn Ile Val Lys Leu Ser Leu Tyr Arg His Phe	395	400	405
Thr Asn Thr Leu	Ile Leu Ala Val Ala Ser Ile Val Phe Ile	410	415	420
Ile Trp Thr Thr	Met Lys Phe Arg Ile Val Thr Cys Gln Ser Asp	425	430	435
Trp Arg Glu Leu	Trp Val Asp Asp Ala Ile Trp Arg Leu Leu Phe	440	445	450
Ser Met Ile Leu	Phe Val Ile Met Val Leu Trp Arg Pro Ser Ala	455	460	465
Asn Asn Glu Arg	Phe Asn Thr Ser Pro Asn Ser Glu Glu Glu Glu	470	475	480
Glu Asp Glu Gln	Lys Glu Pro Met Leu Lys Glu Ser Phe Glu Gly	485	490	495
		500	505	510
Val Asn Lys Ala	Gln Glu Asp Asp Leu Lys Trp Val Glu Glu Asn	515	520	525
Val Pro Ser Ser	Val Thr Asp Val Ala Leu Pro Ala Leu Leu Asp	530	535	540
Ser Asp Glu Glu	Arg Met Ile Thr His Phe Glu Arg Ser Lys Met			545
Glu				

&lt;210&gt; 120

&lt;211&gt; 514

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2287485

&lt;400&gt; 120

```

Met Ser Trp Pro Arg Arg Leu Leu Leu Arg Tyr Leu Phe Pro Ala
 1              5              10              15
Leu Leu Leu His Gly Leu Gly Glu Gly Ser Ala Leu Leu His Pro
              20              25              30
Asp Ser Arg Ser His Pro Arg Ser Leu Glu Lys Ser Ala Trp Arg
              35              40              45
Ala Phe Lys Glu Ser Gln Cys His His Met Leu Lys His Leu His
              50              55              60
Asn Gly Ala Arg Ile Thr Val Gln Met Pro Pro Thr Ile Glu Gly
              65              70              75
His Trp Val Ser Thr Gly Cys Glu Val Arg Ser Gly Pro Glu Phe
              80              85              90
Ile Thr Arg Ser Tyr Arg Phe Tyr His Asn Asn Thr Phe Lys Ala
              95              100             105
Tyr Gln Phe Tyr Tyr Gly Ser Asn Arg Cys Thr Asn Pro Thr Tyr
              110             115             120
Thr Leu Ile Ile Arg Gly Lys Ile Arg Leu Arg Gln Ala Ser Trp
              125             130             135
Ile Ile Arg Gly Gly Thr Glu Ala Asp Tyr Gln Leu His Asn Val
              140             145             150
Gln Val Ile Cys His Thr Glu Ala Val Ala Glu Lys Leu Gly Gln
              155             160             165
Gln Val Asn Arg Thr Cys Pro Gly Phe Leu Ala Asp Gly Gly Pro
              170             175             180
Trp Val Gln Asp Val Ala Tyr Asp Leu Trp Arg Glu Glu Asn Gly
              185             190             195
Cys Glu Cys Thr Lys Ala Val Asn Phe Ala Met His Glu Leu Gln
              200             205             210
Leu Ile Arg Val Glu Lys Gln Tyr Leu His His Asn Leu Asp His
              215             220             225
Gln Val Gln Gly Ser Thr Asn Gly Val Ile Phe Thr Asn Thr Thr
              230             235             240
Gln Arg Met Phe Tyr Arg Pro Ser Ser Tyr Gln Pro Pro Leu Gln
              245             250             255
Asn Ala Lys Asn His Asn His Ala Cys Ile Ala Cys Arg Ile Ile
              260             265             270
Tyr Arg Ser Asp Glu His His Pro Pro Ile Leu Pro Pro Lys Ala
              275             280             285
Asp Leu Thr Ile Gly Leu His Gly Glu Trp Val Ser Gln Arg Cys
              290             295             300
Glu Val Arg Pro Glu Val Leu Phe Leu Thr Arg His Phe Ile Phe
              305             310             315
His Asp Asn Asn Asn Thr Trp Glu Gly Phe Val Tyr His Tyr
              320             325             330
Asp Pro Val Cys Lys His Pro Thr Phe Ser Ile Tyr Ala Arg Gly
              335             340             345

```

Arg Tyr Ser Arg Gly Val Leu Ser Ser	Arg Val Met Gly Gly Thr
350	355 360
Glu Phe Val Phe Lys Val Asn His Met	Lys Val Thr Pro Met Asp
365	370 375
Ala Ala Thr Ala Ser Leu Leu Asn Val	Phe Asn Gly Asn Glu Cys
380	385 390
Gly Ala Glu Gly Ser Trp Gln Val Gly	Ile Gln Gln Asp Val Thr
395	400 405
His Thr Asn Gly Cys Val Ala Leu Gly	Ile Lys Leu Pro His Thr
410	415 420
Glu Tyr Glu Ile Phe Lys Met Glu Gln	Asp Ala Arg Gly Arg Tyr
425	430 435
Leu Leu Phe Asn Gly Gln Arg Pro Ser	Asp Gly Ser Ser Pro Asp
440	445 450
Arg Pro Glu Lys Arg Ala Thr Ser Tyr	Gln Met Pro Leu Val Gln
455	460 465
Cys Ala Ser Ser Ser Pro Arg Ala Glu	Asp Leu Ala Glu Asp Ser
470	475 480
Gly Ser Ser Leu Tyr Gly Arg Ala Pro	Gly Arg His Thr Trp Ser
485	490 495
Leu Leu Leu Ala Ala Leu Ala Cys Leu	Val Pro Leu Leu His Trp
500	505 510
Asn Ile Arg Arg	

<210> 121  
 <211> 109  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 2380344

<400> 121

Met Leu Trp Trp Leu Val Leu Leu Leu Leu Pro Thr Leu Lys Ser	
1 5 10 15	
Val Phe Cys Ser Leu Val Thr Ser Leu Tyr Leu Pro Asn Thr Glu	
20 25 30	
Asn Leu Ser Leu Thr Leu Thr Leu Leu Leu Asp Leu His Ser Gly	
35 40 45	
Thr Arg Thr Glu Val Ser Thr His Thr Val Pro Ser Lys Pro Gly	
50 55 60	
Thr Ala Ser Pro Cys Trp Pro Leu Ala Gly Ala Val Pro Ser Pro	
Thr Val Ser Arg Leu Glu Ala Leu Thr Arg Ala Val Gln Val Ala	
80 85 90	
Glu Pro Leu Gly Ser Cys Gly Phe Gln Gly Gly Pro Cys Pro Gly	
95 100 105	
Arg Arg Arg Asp	

<210> 122

&lt;211&gt; 431

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2383171

&lt;400&gt; 122

```

Met Ser Trp Val Gln Ala Thr Leu Leu Ala Arg Gly Leu Cys Arg
 1          5          10          15
Ala Trp Gly Gly Thr Cys Gly Ala Ala Leu Thr Gly Thr Ser Ile
 20          25          30
Ser Gln Val Pro Arg Leu Pro Arg Gly Leu His Cys Ser Ala
 35          40          45
Ala Ala His Ser Ser Glu Gln Ser Leu Val Pro Ser Pro Pro Glu
 50          55          60
Pro Arg Gln Arg Pro Thr Lys Ala Leu Val Pro Phe Glu Asp Leu
 65          70          75
Phe Gly Gln Ala Pro Gly Gly Glu Arg Asp Lys Ala Ser Phe Leu
 80          85          90
Gln Thr Val Gln Lys Phe Ala Glu His Ser Val Arg Lys Arg Gly
 95          100         105
His Ile Asp Phe Ile Tyr Leu Ala Leu Arg Lys Met Arg Glu Tyr
110          115         120
Gly Val Glu Arg Asp Leu Ala Val Tyr Asn Gln Leu Leu Asn Ile
125          130         135
Phe Pro Lys Glu Val Phe Arg Pro Arg Asn Ile Ile Gln Arg Ile
140          145         150
Phe Val His Tyr Pro Arg Gln Gln Glu Cys Gly Ile Ala Val Leu
155          160         165
Glu Gln Met Glu Asn His Gly Val Met Pro Asn Lys Glu Thr Glu
170          175         180
Phe Leu Leu Ile Gln Ile Phe Gly Arg Lys Ser Tyr Pro Met Leu
185          190         195
Lys Leu Val Arg Leu Lys Leu Trp Phe Pro Arg Phe Met Asn Val
200          205         210
Asn Pro Phe Pro Val Pro Arg Asp Leu Pro Gln Asp Pro Val Glu
215          220         225
Leu Ala Met Phe Gly Leu Arg His Met Glu Pro Asp Leu Ser Ala
230          235         240
Asn Val Thr Ile Thr Gln Val Leu Leu Leu Leu Leu Leu Leu Gly
245          250         255
Ala Ala Asp Pro Pro Gln Pro His Ile Val Gly Ile Gln Ser Pro
260          265         270
Asn Gln Gln Ala Ala Leu Ala Arg His Asn Pro Ala Arg Pro Val
275          280         285
Phe Val Glu Gly Pro Phe Ser Leu Trp Leu Arg Asn Lys Cys Val
290          295         300
Tyr Tyr His Ile Leu Arg Ala Asp Leu Leu Pro Pro Glu Glu Arg
305          310         315
Glu Val Glu Glu Thr Pro Glu Glu Trp Asn Leu Tyr Tyr Pro Met
320          325         330
Glu Val Asp Leu Thr Tyr Val Thr Ser Gly Gly Ala Val Val
335          340         345
Phe Asp Ile Asn Glu Val Glu Glu Gly Pro Val Phe Ala Met Cys
350          355         360

```

Met	Ala	Gly	Ala	His	Asp	Gln	Ala	Thr	Met	Ala	Lys	Trp	Ile	Gln	
				365					370					375	
Gly	Leu	Gln	Glu	Thr	Asn	Pro	Thr	Leu	Ala	Gln	Ile	Pro	Val	Val	
				380					385					390	
Phe	Arg	Leu	Ala	Gly	Ser	Thr	Arg	Glu	Leu	Gln	Thr	Ser	Ser	Ala	
				395					400					405	
Gly	Leu	Glu	Glu	Pro	Pro	Leu	Pro	Glu	Asp	His	Gln	Glu	Glu	Asp	
				410					415					420	
Asp	Asn	Leu	Gln	Arg	Gln	Gln	Gln	Gly	Gln	Ser					
				425					430						

&lt;210&gt; 123

&lt;211&gt; 142

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2396046

&lt;400&gt; 123

Met	Leu	Leu	Gly	Val	Arg	Ala	Val	Pro	Leu	Cys	Ser	Ala	Trp	Gln	
1				5					10					15	
Gly	Ala	Val	Gly	Leu	Val	Ser	Leu	Ala	Ile	Ser	Ile	Cys	Lys	His	
				20					25					30	
Gly	Leu	Ser	Ser	Gln	Gln	Asn	Leu	Val	Pro	Gly	Lys	Ser	Asn	Val	
				35					40					45	
Pro	Lys	Ala	Ser	Asp	Met	Pro	Arg	Cys	Pro	Pro	Val	Phe	Gln	Ser	
				50					55					60	
Pro	Asn	Leu	Thr	Pro	Phe	Pro	His	His	Thr	Lys	His	Thr	Ser	Gln	
				65					70					75	
Gly	Ser	His	Leu	Gly	Val	Pro	Pro	Pro	Ala	Pro	Met	Pro	Trp	Cys	
				80					85					90	
Pro	Gln	Ala	Gln	Gly	Phe	Gly	Leu	Ser	Cys	Gln	Ser	Leu	Asp	Ala	
				95					100					105	
Phe	Glu	Gly	Gln	Leu	Gly	Cys	Gly	Trp	Gly	Val	Gln	Ala	Ala	Gly	
				110					115					120	
Glu	Pro	Arg	Leu	Arg	Ile	Ile	His	Thr	Leu	Leu	Phe	Gly	Ala	Phe	
				125					130						
Val	Glu	Val	Ser	Arg	Ile	Pro									
				140											

&lt;210&gt; 124

&lt;211&gt; 643

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2456587

&lt;400&gt; 124

Met	Glu	Cys	Cys	Arg	Arg	Ala	Thr	Pro	Gly	Thr	Leu	Leu	Leu	Phe					
1				5					10					15					
Leu	Ala	Phe	Leu	Leu	Leu	Ser	Ser	Arg	Thr	Ala	Arg	Ser	Glu	Glu					
				20					25					30					
Asp	Arg	Asp	Gly	Leu	Trp	Asp	Ala	Trp	Gly	Pro	Trp	Ser	Glu	Cys					
				35					40					45					
Ser	Arg	Thr	Cys	Gly	Gly	Gly	Ala	Ser	Tyr	Ser	Leu	Arg	Arg	Cys					
				50					55					60					
Leu	Ser	Ser	Lys	Ser	Cys	Glu	Gly	Arg	Asn	Ile	Arg	Tyr	Arg	Thr					
				65					70					75					
Cys	Ser	Asn	Val	Asp	Cys	Pro	Pro	Glu	Ala	Gly	Asp	Phe	Arg	Ala					
				80					85					90					
Gln	Gln	Cys	Ser	Ala	His	Asn	Asp	Val	Lys	His	His	Gly	Gln	Phe					
				95					100					105					
Tyr	Glu	Trp	Leu	Pro	Val	Ser	Asn	Asp	Pro	Asp	Asn	Pro	Cys	Ser					
				110					115					120					
Leu	Lys	Cys	Gln	Ala	Lys	Gly	Thr	Thr	Leu	Val	Val	Glu	Leu	Ala					
				125					130					135					
Pro	Lys	Val	Leu	Asp	Gly	Thr	Arg	Cys	Tyr	Thr	Glu	Ser	Leu	Asp					
				140					145					150					
Met	Cys	Ile	Ser	Gly	Leu	Cys	Gln	Ile	Val	Gly	Cys	Asp	His	Gln					
				155					160					165					
Leu	Gly	Ser	Thr	Val	Lys	Glu	Asp	Asn	Cys	Gly	Val	Cys	Asn	Gly					
				170					175					180					
Asp	Gly	Ser	Thr	Cys	Arg	Leu	Val	Arg	Gly	Gln	Tyr	Lys	Ser	Gln					
				185					190					195					
Leu	Ser	Ala	Thr	Lys	Ser	Asp	Asp	Thr	Val	Val	Ala	Ile	Pro	Tyr					
				200					205					210					
Gly	Ser	Arg	His	Ile	Arg	Leu	Val	Leu	Lys	Gly	Pro	Asp	His	Leu					
				215					220					225					
Tyr	Leu	Glu	Thr	Lys	Thr	Leu	Gln	Gly	Thr	Lys	Gly	Glu	Asn	Ser					
				230					235					240					
Leu	Ser	Ser	Thr	Gly	Thr	Phe	Leu	Val	Asp	Asn	Ser	Ser	Val	Asp					
				245					250					255					
Phe	Gln	Lys	Phe	Pro	Asp	Lys	Glu	Ile	Leu	Arg	Met	Ala	Gly	Pro					
				260					265					270					
Leu	Thr	Ala	Asp	Phe	Ile	Val	Lys	Ile	Arg	Asn	Ser	Gly	Ser	Ala					
				275					280					285					
Asp	Ser	Thr	Val	Gln	Phe	Ile	Phe	Tyr	Gln	Pro	Ile	Ile	His	Arg					
				290					295					300					
				305					310					315					
Gly	Tyr	Gln	Leu	Thr	Ser	Ala	Glu	Cys	Tyr	Asp	Leu	Arg	Ser	Asn					
				320					325					330					
				335					340					345					
Lys	Pro	Lys	Pro	Lys	Leu	Gln	Glu	Cys	Asn	Leu	Asp	Pro	Cys	Pro					
				350					355					360					
Ala	Ser	Asp	Gly	Tyr	Lys	Gln	Ile	Met	Pro	Tyr	Asp	Leu	Tyr	His					
				365					370					375					
Pro	Leu	Pro	Arg	Trp	Glu	Ala	Thr	Pro	Trp	Thr	Ala	Cys	Ser	Ser					
				380					385					390					
				395					400					405					
Glu	Asp	Ile	Gln	Gly	His	Val	Thr	Ser	Val	Glu	Glu	Trp	Lys	Cys					
				410					415					420					

Met	Tyr	Thr	Pro	Lys	Met	Pro	Ile	Ala	Gln	Pro	Cys	Asn	Ile	Phe
				425					430					435
Asp	Cys	Pro	Lys	Trp	Leu	Ala	Gln	Glu	Trp	Ser	Pro	Cys	Thr	Val
				440					445					450
Thr	Cys	Gly	Gln	Gly	Leu	Arg	Tyr	Arg	Val	Val	Leu	Cys	Ile	Asp
				455					460					465
His	Arg	Gly	Met	His	Thr	Gly	Gly	Cys	Ser	Pro	Lys	Thr	Lys	Pro
				470					475					480
His	Ile	Lys	Glu	Glu	Cys	Ile	Val	Pro	Thr	Pro	Cys	Tyr	Lys	Pro
				485					490					495
Lys	Glu	Lys	Leu	Pro	Val	Glu	Ala	Lys	Leu	Pro	Trp	Phe	Lys	Gln
				500					505					510
Ala	Gln	Glu	Leu	Glu	Glu	Gly	Ala	Ala	Val	Ser	Glu	Glu	Pro	Ser
				515					520					525
Phe	Ile	Pro	Glu	Ala	Trp	Ser	Ala	Cys	Thr	Val	Thr	Cys	Gly	Val
				530					535					540
Gly	Thr	Gln	Val	Arg	Ile	Val	Arg	Cys	Gln	Val	Leu	Leu	Ser	Phe
				545					550					555
Ser	Gln	Ser	Val	Ala	Asp	Leu	Pro	Ile	Asp	Glu	Cys	Glu	Gly	Pro
				560					565					570
Lys	Pro	Ala	Ser	Gln	Arg	Ala	Cys	Tyr	Ala	Gly	Pro	Cys	Ser	Gly
				575					580					585
Glu	Ile	Pro	Glu	Phe	Asn	Pro	Asp	Glu	Thr	Asp	Gly	Leu	Phe	Gly
				590					595					600
Gly	Leu	Gln	Asp	Phe	Asp	Glu	Leu	Tyr	Asp	Trp	Glu	Tyr	Glu	Gly
				605					610					615
Phe	Thr	Lys	Cys	Ser	Glu	Ser	Cys	Gly	Gly	Gly	Val	Gln	Glu	Ala
				620					625					630
Val	Val	Ser	Cys	Leu	Asn	Lys	Gln	Thr	Arg	Glu	Pro	Cys		
				635					640					

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<210> 125
<211> 568
<212> PRT
<213> Homo sapiens
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<220>
<221> misc feature
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<400> 125															
Met	Val	Leu	Leu	His	Trp	Cys	Leu	Leu	Trp	Leu	Leu	Phe	Pro	Leu	
1				5					10					15	
														20	
				20					25					30	
Gln	Met	Gln	Ile	Arg	Asp	Lys	Ala	Phe	Phe	His	Asp	Ser	Ser	Val	
				35					40					45	
Ile	Pro	Asp	Gly	Ala	Glu	Ile	Ser	Ser	Tyr	Leu	Phe	Arg	Asp	Thr	
				50					55					60	
Pro	Lys	Arg	Tyr	Phe	Phe	Val	Val	Glu	Glu	Asp	Asn	Thr	Pro	Leu	
				65					70					75	
Ser	Val	Thr	Val	Thr	Pro	Cys	Asp	Ala	Pro	Leu	Glu	Trp	Lys	Leu	
				80					85					90	
Ser	Leu	Gln	Glu	Leu	Pro	Glu	Asp	Arg	Ser	Gly	Glu	Gly	Ser	Gly	



	95	100	105
Asp Leu Glu Pro	Leu Glu Gln Gln Lys	Gln Gln Ile Ile Asn Glu	
	110	115	120
Glu Gly Thr Glu	Leu Phe Ser Tyr Lys	Gly Asn Asp Val Glu Tyr	
	125	130	135
Phe Ile Ser Ser	Ser Ser Pro Ser Gly	Leu Tyr Gln Leu Asp Leu	
	140	145	150
Leu Ser Thr Glu	Lys Asp Thr His Phe	Lys Val Tyr Ala Thr Thr	
	155	160	165
Thr Pro Glu Ser	Asp Gln Pro Tyr Pro	Glu Leu Pro Tyr Asp Pro	
	170	175	180
Arg Val Asp Val	Thr Ser Leu Gly Arg	Thr Thr Val Thr Leu Ala	
	185	190	195
Trp Lys Pro Ser	Pro Thr Ala Ser Leu	Leu Lys Gln Pro Ile Gln	
	200	205	210
Tyr Cys Val Val	Ile Asn Lys Glu His	Asn Phe Lys Ser Leu Cys	
	215	220	225
Ala Val Glu Ala	Lys Leu Ser Ala Asp	Asp Ala Phe Met Met Ala	
	230	235	240
Pro Lys Pro Gly	Leu Asp Phe Ser Pro	Phe Asp Phe Ala His Phe	
	245	250	255
Gly Phe Pro Ser	Asp Asn Ser Gly Lys	Glu Arg Ser Phe Gln Ala	
	260	265	270
Lys Pro Ser Pro	Lys Leu Gly Arg His	Val Tyr Ser Arg Pro Lys	
	275	280	285
Val Asp Ile Gln	Lys Ile Cys Ile Gly	Asn Lys Asn Ile Phe Thr	
	290	295	300
Val Ser Asp Leu	Lys Pro Asp Thr Gln	Tyr Tyr Phe Asp Val Phe	
	305	310	315
Val Val Asn Ile	Asn Ser Asn Met Ser	Thr Ala Tyr Val Gly Thr	
	320	325	330
Phe Ala Arg Thr	Lys Glu Glu Ala Lys	Gln Lys Thr Val Glu Leu	
	335	340	345
Lys Asp Gly Lys	Ile Thr Asp Val Phe	Val Lys Arg Lys Gly Ala	
	350	355	360
Lys Phe Leu Arg	Phe Ala Pro Val Ser	Ser His Gln Lys Val Thr	
	365	370	375
Phe Phe Ile His	Ser Cys Leu Asp Ala	Val Gln Ile Gln Val Arg	
	380	385	390
Arg Asp Gly Lys	Leu Leu Leu Ser Gln	Asn Val Glu Gly Ile Gln	
	395	400	405
Gln Phe Gln Ile	Leu Gly Thr Pro Lys	Gln Ile Thr Ile Val Val	
	410	415	420
Leu Lys Gly Asn	Lys Lys Gly Ala Ser	Met Leu Lys Ile Leu Ala	
	425	430	435
Thr Thr Arg Pro	Thr Lys Gln Ser Phe	Pro Ser Leu Pro Glu Asp	
	440	445	450
Thr Arg Ile Lys	Ala Phe Asp Lys Leu	Arg Thr Cys Ser Ser Ala	
	455	460	465
Thr Val Ala Trp	Leu Gly Thr Gln Glu	Arg Asn Lys Phe Cys Ile	
	470	475	480
Tyr Lys Lys Glu	Val Asp Asp Asn Tyr	Asn Glu Asp Gln Lys Lys	
	485	490	495
Arg Val Thr Asn	Gln Glu Leu Asp Lys	Val Ile Thr Thr Val Val	
	500	505	510
Glu Lys Val Leu	Cys Lys Tyr Phe His	Ser Gln Asn Leu Gln Lys	
	515	520	525

Ala	Val	Thr	Thr	Glu	Thr	Ile	Lys	Gly	Leu	Gln	Pro	Gly	Lys	Ser
				530					535					540
Tyr	Leu	Leu	Asp	Val	Tyr	Val	Ile	Gly	His	Gly	Gly	His	Ser	Val
				545					550					555
Lys	Tyr	Gln	Ser	Lys	Val	Val	Lys	Thr	Arg	Lys	Phe	Cys		
				560					565					

<210> 126  
 <211> 125  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 2493851

<400> 126

Met	Trp	Leu	Val	Gly	Pro	Ser	Phe	Leu	Ser	Cys	Pro	Leu	Gly	Lys
1				5					10					15
Val	Pro	Pro	Ala	Gly	Leu	Leu	Leu	Ala	Gly	Ser	Ser	Gly	Arg	Gly
				20					25					30
Ala	Arg	Arg	Pro	Ala	Thr	Pro	Arg	His	Trp	Ser	Ser	Thr	Thr	Pro
				35					40					45
Gly	Leu	Arg	Leu	Glu	Ala	Pro	Leu	Cys	Gln	Leu	Cys	Pro	Leu	Gly
				50					55					60
Gly	Thr	Arg	Gln	Asp	Cys	Gln	Pro	Leu	Ser	Trp	Gln	Val	Thr	Ser
				65					70					75
Ala	Phe	Lys	Leu	Thr	Val	Pro	Ser	Pro	Phe	His	Ala	Pro	Pro	Arg
				80					85					90
Ser	Trp	Ser	Cys	Leu	Leu	Leu	Gly	Ile	Phe	Pro	Gly	Gln	Ala	Leu
				95					100					105
Ala	Leu	Glu	Pro	Trp	His	Leu	Phe	Leu	Gly	Ser	Met	Leu	Pro	Arg
				110					115					120
Cys	Asp	Gly	Glu	Cys										
				125										

<210> 127  
 <211> 196  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 2495719

<400> 127

Met	Ala	Ala	Leu	Lys	Ala	Leu	Val	Ser	Gly	Cys	Gly	Arg	Leu	Leu
1				5					10					15
Arg	Gly	Leu	Leu	Ala	Gly	Pro	Ala	Ala	Thr	Ser	Trp	Ser	Arg	Leu
				20					25					30
Pro	Ala	Arg	Gly	Phe	Arg	Glu	Val	Val	Glu	Thr	Gln	Glu	Gly	Lys

35	40	45
Thr Thr Ile Ile Glu Gly Arg Ile Thr	Ala Thr Pro Lys Glu Ser	
50	55	60
Pro Asn Pro Pro Asn Pro Ser Gly Gln Cys	Pro Ile Cys Arg Trp	
65	70	75
Asn Leu Lys His Lys Tyr Asn Tyr Asp Asp	Val Leu Leu Leu Ser	
80	85	90
Gln Phe Ile Arg Pro His Gly Gly Met Leu	Pro Arg Lys Ile Thr	
95	100	105
Gly Leu Cys Gln Glu Glu His Arg Lys Ile	Glu Glu Cys Val Lys	
110	115	120
Met Ala His Arg Ala Gly Leu Leu Pro Asn	His Arg Pro Arg Leu	
125	130	135
Pro Glu Gly Val Val Pro Lys Ser Lys Pro	Gln Leu Asn Arg Tyr	
140	145	150
Leu Thr Arg Trp Ala Pro Gly Ser Val Lys	Pro Ile Tyr Lys Lys	
155	160	165
Gly Pro Arg Trp Asn Arg Val Arg Met Pro	Val Gly Ser Pro Leu	
170	175	180
Leu Arg Asp Asn Val Cys Tyr Ser Arg Thr	Pro Trp Lys Leu Tyr	
185	190	195
His		

&lt;210&gt; 128

&lt;211&gt; 214

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2614153

&lt;400&gt; 128

Met Val Leu Gly Gly Cys Pro Val Ser Tyr Leu Leu Leu Cys Gly	
1 5 10 15	
Gln Ala Ala Leu Leu Leu Gly Asn Leu Leu Leu Leu His Cys Val	
20 25 30	
Ser Arg Ser His Ser Gln Asn Ala Thr Ala Glu Pro Glu Leu Thr	
Ser Ala Gly Ala Ala Gln Pro Glu Gly Pro Gly Gly Ala Ala Ser	
50 55 60	
Trp Glu Tyr Gly Asp Pro His Ser Pro Val Ile Leu Cys Ser Tyr	
65 70 75	
Gly Asn Ala Thr Ala Ser Gln Glu Leu Gly Tyr Gly Cys Leu Lys	
80 85 90	
Phe Gly Gly Gln Ala Tyr Ser Asp Val Glu His Thr Ser Val Gln	
95 100 105	
Cys His Ala Leu Asp Gly Ile Glu Cys Ala Ser Pro Arg Thr Phe	
110 115 120	
Leu Arg Glu Asn Lys Pro Cys Ile Lys Tyr Thr Gly His Tyr Phe	
125 130 135	
Ile Thr Thr Leu Leu Tyr Ser Phe Phe Leu Gly Cys Phe Gly Val	
140 145 150	

	155		160		165
Asp Arg Phe Cys	Leu Gly His Thr Gly	Thr Ala Val Gly Lys Leu			
	170		175		180
Leu Thr Leu Gly	Gly Leu Gly Ile Trp	Trp Phe Val Asp Leu Ile			
	185		190		195
Leu Leu Ile Thr	Gly Gly Leu Met Pro	Ser Asp Gly Ser Asn Trp			
	200		205		210
Cys Thr Val Tyr					

<210> 129  
 <211> 88  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 2655184

<400> 129	
Met Ala Cys Phe Ser Phe Phe Leu Cys Phe Leu Val His Leu Leu	
1 5 10 15	
Ile Lys Met Asn Pro Val Thr Glu Ser Pro Ser Cys Leu Phe Ser	
20 25 30	
Pro Pro Ser Glu Ser Ala Leu Ala Ser Gln Leu Ala Leu Ser Ala	
35 40 45	
Ser Cys Asp Gln Arg Ala Pro Phe Ser Leu Ala Gly Val Val Ser	
50 55 60	
His Asp Pro Gly Trp Pro Val Val Arg Leu His Arg Pro Leu Val	
65 70 75	
Pro Glu His Ala Val Phe Ser Gln Pro Ser Leu Gln Pro	
80 85	

<210> 130  
 <211> 260  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 2648260

<400> 130	
Met Pro Asp Pro Leu Phe Ser Ala Val Gln Gly Lys Asp Glu Ile	
1 5 10 15	
Leu His Lys Ala Leu Cys Phe Cys Pro Trp Leu Gly Lys Gly Gly	
20 25 30	
Met Glu Pro Leu Arg Leu Leu Ile Leu Leu Phe Val Thr Glu Leu	
35 40 45	
Ser Gly Ala His Asn Thr Thr Val Phe Gln Gly Val Ala Gly Gln	
50 55 60	
Ser Leu Gln Val Ser Cys Pro Tyr Asp Ser Met Lys His Trp Gly	

	65		70		75
Arg Arg Lys Ala	Trp Cys Arg Gln Leu	Gly Glu Lys Gly Pro Cys			
	80		85		90
Gln Arg Val Val	Ser Thr His Asn Leu	Trp Leu Leu Ser Phe Leu			
	95		100		105
Arg Arg Trp Asn	Gly Ser Thr Ala Ile	Thr Asp Asp Thr Leu Gly			
	110		115		120
Gly Thr Leu Thr	Ile Thr Leu Arg Asn	Leu Gln Pro His Asp Ala			
	125		130		135
Gly Leu Tyr Gln	Cys Gln Ser Leu His	Gly Ser Glu Ala Asp Thr			
	140		145		150
Leu Arg Lys Val	Leu Val Glu Val Leu	Ala Asp Pro Leu Asp His			
	155		160		165
Arg Asp Ala Gly	Asp Leu Trp Phe Pro	Gly Glu Ser Glu Ser Phe			
	170		175		180
Glu Asp Ala His	Val Glu His Ser Ile	Ser Arg Ser Leu Leu Glu			
	185		190		195
Gly Glu Ile Pro	Phe Pro Pro Thr Ser	Ile Leu Leu Leu Leu Ala			
	200		205		210
Cys Ile Phe Leu	Ile Lys Ile Leu Ala	Ala Ser Ala Leu Trp Ala			
	215		220		225
Ala Ala Trp His	Gly Gln Lys Pro Gly	Thr His Pro Pro Ser Glu			
	230		235		240
Leu Asp Cys Gly	His Asp Pro Gly Tyr	Gln Leu Gln Thr Leu Pro			
	245		250		255
Gly Leu Arg Asp	Thr				
	260				

&lt;210&gt; 131

&lt;211&gt; 295

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2849906

&lt;400&gt; 131

	1		5		10		15
Gly Cys Cys Ala	Leu Leu Leu Ser	Leu Trp Ala Leu Cys	Thr Ala				
	20		25		30		
Gln Arg Arg Phe	Gly Ser Ile Val Ala	Pro Arg Ile Thr Ala	Pro				
	35		40		45		50
Arg Gln Arg Ala	Arg Leu Gln Gly	Ser Ala Thr Ala Ala	Glu Ala				
	50		55		60		
Ser Leu Leu Arg	Arg Thr His Leu	Cys Ser Leu Ser	Lys Ser Asp				
	65		70		75		
Thr Arg Leu His	Glu Leu His Arg	Gly Pro Arg Ser	Ser Arg Ala				
	80		85		90		
Leu Arg Pro Ala	Leu Arg Pro	His Thr	Pro				
	95		100		105		
Val Ser Arg Asp	Ile Thr Gly Pro	Gln Ala Ala Pro	Ser Ala Phe				
	110		115		120		

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Pro His Gln Glu Leu Pro Arg Ala Leu Pro Ala Ala Ala Ala Thr
125 130 135
Ala Gly Cys Ala Gly Leu Glu Ala Thr Tyr Ser Asn Val Gly Leu
140 145 150
Ala Ala Leu Pro Gly Val Ser Leu Ala Ala Ser Pro Val Val Ala
155 160 165
Glu Tyr Ala Arg Val Gln Lys Arg Lys Gly Thr His Arg Ser Pro
170 175 180
Gln Glu Pro Gln Gln Gly Lys Thr Glu Val Thr Pro Ala Ala Gln
185 190 195
Val Asp Val Leu Tyr Ser Arg Val Cys Lys Pro Lys Arg Arg Asp
200 205 210
Pro Gly Pro Thr Thr Asp Pro Leu Asp Pro Lys Gly Gln Gly Ala
215 220 225
Ile Leu Ala Leu Ala Gly Asp Leu Ala Tyr Gln Thr Leu Pro Leu
230 235 240
Arg Ala Leu Asp Val Asp Ser Gly Pro Leu Glu Asn Val Tyr Glu
245 250 255
Ser Ile Arg Glu Leu Gly Asp Pro Ala Gly Arg Ser Ser Thr Cys
260 265 270
Gly Ala Gly Thr Pro Pro Ala Ser Ser Cys Pro Ser Leu Gly Arg
275 280 285
Gly Trp Arg Pro Leu Pro Ala Ser Leu Pro
290 295

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&lt;210&gt; 132

&lt;211&gt; 183

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2899137

&lt;400&gt; 132

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Met Ala Ala Ser Met Ala Arg Gly Gly Val Ser Ala Arg Val Leu
1 5 10 15
Leu Gln Ala Ala Arg Gly Thr Trp Trp Asn Arg Pro Gly Gly Thr
35 40 45
Ser Gly Ser Gly Glu Gly Val Ala Leu Gly Thr Thr Arg Lys Phe
50 55 60
Gln Ala Thr Gly Ser Arg Pro Ala Gly Glu Glu Asp Ala Gly Gly
65 70 75
Ser Gly Gln Arg Ile Pro Val Ser Gly Arg Val Gly Asp Asn Val
80 85 90
Leu His Leu Ala Gln Arg His Gly Val Asp Leu Glu Gly Ala Cys
95 100 105
Glu Ala Ser Leu Ala Cys Ser Thr Cys His Val Tyr Val Ser Glu
110 115 120
Asp His Leu Asp Leu Leu Pro Pro Pro Glu Glu Arg Glu Asp Asp
125 130 135
Met Leu Asp Met Ala Pro Leu Leu Gln Glu Asn Ser Arg Leu Gly

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	140	145	150
Cys Gln Ile Val	Leu Thr Pro Glu Leu	Glu Gly Ala Glu Phe	Thr
	155	160	165
Leu Pro Lys Ile	Thr Arg Asn Phe Tyr	Val Asp Gly His Val	Pro
	170	175	180
Lys Pro His			

<210> 133  
 <211> 113  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 2986229

<400> 133

Met Trp Arg Lys Pro Asp Val Leu Tyr Ser Val Ile Pro Val Thr		
1	5	10 15
Ser Leu Phe Phe Leu Leu Ala Leu Asn Leu Pro Asp Val Phe Gly		
	20	25 30
Leu Val Val Leu Pro Leu Glu Leu Lys Leu Arg Ile Phe Arg Leu		
	35	40 45
Leu Asp Val Arg Ser Val Leu Ser Leu Ser Ala Val Cys Arg Asp		
	50	55 60
Leu Phe Thr Ala Ser Asn Asp Pro Leu Leu Trp Arg Phe Leu Tyr		
	65	70 75
Leu Arg Asp Phe Arg Gly Asp Phe Arg Asn Asp Ile Phe Thr Arg		
	80	85 90
Lys Gly Ser Tyr Cys Leu Asp Tyr Ser Ala His Gln Lys Phe Leu		
	95	100 105
Val Val Gly Phe Phe Cys Cys Lys		
	110	

<210> 134  
 <212> PRT  
 <213> Homo sapiens

<223> Incyte Clone No: 3222081

<400> 134

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Thr Ile Arg Asp Pro Glu Lys Pro Asn Thr Leu Glu Glu Leu Glu		

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Val Val Ser Glu Ser Cys Val Glu Val Gln Glu Ile Asn Glu Glu					
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Glu Tyr Leu Val Ile Ile Arg Phe Thr Pro Thr Val Pro His Cys					
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Ser Leu Ala Thr Leu Ile Gly Leu Cys Leu Arg Val Lys Leu Gln					
	95		100		105
Arg Cys Leu Pro Phe Lys His Lys Leu Glu Ile Tyr Ile Ser Glu					
	110		115		120
Gly Thr His Ser Thr Glu Glu Asp Ile Asn Lys Gln Ile Asn Asp					
	125		130		135
Lys Glu Arg Val Ala Ala Ala Met Glu Asn Pro Asn Leu Arg Glu					
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Ile Val Glu Gln Cys Val Leu Glu Pro Asp					
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&lt;210&gt; 135

&lt;211&gt; 865

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 443531

&lt;400&gt; 135

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caaaagaaaa atacaaaaaa aaaaaa 865

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&lt;211&gt; 706

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt;

&lt;222&gt; 11, 12

&lt;223&gt; a or g or c or t, unknown, or other

&lt;220&gt;



&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 632860

&lt;400&gt; 136

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&lt;210&gt; 137

&lt;211&gt; 801

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 670010

&lt;400&gt; 137

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&lt;210&gt; 138

&lt;211&gt; 664

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt;

&lt;222&gt; 505, 518, 527, 540, 565, 566

&lt;223&gt; a or g or c or t, unknown, or other

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 726498

&lt;400&gt; 138

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acta

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664

&lt;210&gt; 139

&lt;211&gt; 1241

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 795064

&lt;400&gt; 139

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1241

&lt;210&gt; 140

&lt;211&gt; 750

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt;

&lt;222&gt; 570, 641

&lt;223&gt; a or g or c or t, unknown, or other

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 924925

&lt;400&gt; 140

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&lt;210&gt; 141

&lt;211&gt; 1235

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 962390

&lt;400&gt; 141

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&lt;211&gt; 1834

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1259405

&lt;400&gt; 142

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&lt;210&gt; 143

&lt;211&gt; 1722

&lt;212&gt; DNA

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1287364

&lt;400&gt; 143

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&lt;210&gt; 144

&lt;211&gt; 1741

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1299627

&lt;400&gt; 144

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<220>  
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 <223> a or g or c or t, unknown, or other

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<210> 146  
 <211> 901  
 <212> DNA  
 <213> Homo sapiens

<221> misc\_feature  
 <223> Incyte Clone No: 1316219

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tctatctatc cagctatc cctctgtaatg ttgcatgccc accacctcct gttgaaggtc 240
aacagaaaaga tctgaaatgg aatcttgccg ttattcagct tttttctgct gaaggaatgg 300
acacgtttat tcgagttctg caaaaattga acagtattct gactcagcct tggaggtccc 360
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atgtcaacat ggggactacc cttcacagag ttactactat ttcaatggct cgtgcacac 420
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caggtcgttt ggatagtgat gaacagaaaa ttcagaatga tatcattgat attttactga 600
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&lt;210&gt; 147

&lt;211&gt; 526

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1329031

&lt;400&gt; 147

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&lt;210&gt; 148

&lt;211&gt; 2090

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1329031

&lt;400&gt; 148

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&lt;210&gt; 149

&lt;211&gt; 2403

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1514160

&lt;400&gt; 149

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 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 1603403

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ctgtgtcctt cttggcccgg gcttttgggc cggggatgca ggaggcaggc cccgaccctg 360
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aaaaaaaaa a 431

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<210> 151  
 <211> 431  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <223> Incyte Clone No: 1652303

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gtcataggag gtcgttcagc ttcccaaaag tcagaggtga ttgatttg ggaagactga 360
atattcacac ctaagtctg agcatatct gagttttact tcttatggc ttgcccctca 420

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&lt;210&gt; 152

&lt;211&gt; 1114

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1693358

&lt;400&gt; 152

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<210> 153
<211> 2192
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<223> Incyte Clone No: 1707711

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<210> 154
<211> 913
<212> DNA

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&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1738735

&lt;400&gt; 154

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&lt;210&gt; 155

&lt;211&gt; 480

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1749147

&lt;400&gt; 155

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&lt;210&gt; 156

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1817722

&lt;400&gt; 156

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ttatc
545

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&lt;210&gt; 157

&lt;211&gt; 1746

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1831290

&lt;400&gt; 157

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1746

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&lt;210&gt; 158

&lt;211&gt; 1746

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1831477

&lt;400&gt; 158

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&lt;220&gt;

&lt;211&gt; 480

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;221&gt;

&lt;222&gt; 440

&lt;223&gt; a or g or c or t, unknown, or other

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1841807

&lt;400&gt; 159

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&lt;210&gt; 160

&lt;211&gt; 542

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1852391

&lt;400&gt; 160

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caaattggca ctttgggggc tgctaagaa ttgataagcg gggtagatgc tgttgatgaa 540
tc

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&lt;210&gt; 161

&lt;211&gt; 1066

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1854555

&lt;400&gt; 161

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<211> 1173

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<223> Incyte Clone No: 1855755

<400> 162

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ctgtatccaa ctgggttctaa gtcaaagcgg gtcagcctgc ttcagaacct cccacagtg 420  
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<210> 163

<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<223> Incyte Clone No: 1861434

<400> 163

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&lt;210&gt; 164

&lt;211&gt; 806

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1872334

&lt;400&gt; 164

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gggcctgctg cagggtggaa tggttaccct gcaggaagag gatgctggcg agtatggctg 360
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gcatgtcctt cccactccag ggacttggcc tcttcttcca gcattttcaa cataactgat 720
gctaacttat tttttaatta gaaatatttt aaacaatggt gaatctgagt gtataaaaaca 780
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&lt;210&gt; 165

&lt;211&gt; 1923

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1877230

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catagaatca acatattggt gggattacag tgggggcatt tctttatata acctcttaaa 1860
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aaa

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<210> 166  
 <211> 518  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 1877885

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<400> 166
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atctgggtca catcctcttc ctgcttttgc tcccagtggc tgcagctcag acgactccag 180
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gcaaagtcta catcaacatg ccaggcaggg gctgacctc ctgcagcttg gacctttgac 420
ttctgacctc ctcatcctgg atggtgtgtg gtggcacagg aacccccgcc ccaacttttg 480
gattgtaata aaacaattga aacacaaaa aaaaaaaaa 518

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<211> 1631  
 <212> DNA  
 <213> Homo sapiens

<221> misc\_feature  
 <223> Incyte Clone No: 1889269

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<400> 167
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ggctgcgtc ccgccccgc ggcggggggt tccagatctc gggggc cctggccg 180
ccggaccaag gctgtagggt ccatgaggac aggccttgag tctgtcctgg tctctggaat 240
cacggtgtct agtagaggcc agcacacagc aaatatataa atgtacaaat gagtgaatga 300
agagaatctg attggcctta aggaacttac gcacttaaaa taattgggca gaagagaagc 360

```

```

agtgaaggag tgcagaggca tcacctgaaa gtttacaagt ccttccactt tctctctgag 420
gcagaaagag caaggggttt tctctccatt ttatggttgg gaaaattgag gcctgcctga 480
gtgtgtgact tgtggcaagt cactctggtc atctagggca gaggetcccc agatcccagg 540
cctcctgcct ccagtcccca gcccgagcc caggattagg cagagccage tgetttcccg 600
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tgagcagaga ttgtgccatt gcactccagc ctgggcaaca acagcgagac tccatctcaa 1620
aaaaaaaaa a 1631

```

&lt;210&gt; 168

&lt;211&gt; 1548

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1890243

&lt;400&gt; 168

```

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gactcttgcc ccatgcgaga tatttatacc tcaaacactg gcctgtgagc cttttccaa 540
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```

```

cctcttggag cctgtcagga actcctcact gtttaaatat ttatttattg tgacaaatgg 1440
agctgggttc ctagatatga atgatgtttg caatcccat tttcctgttt cagcatgtta 1500
tattcttata aaataaaagc aaaagtcaaa tatgaaaaaa aaaaaaaa 1548

```

```

<210> 169
<211> 616
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<223> Incyte Clone No: 1900433

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<400> 169
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atggagagag tgaccctggc ccttctctta ctggcaggcc tgactgcctt ggaagccaat 240
gaccattttg ccaataaaga cgatcccttc tactatgact ggaaaaacct gcagctgagc 300
ggactgatct ggggagggct cctggccatt gctgggatcg cggcagttct gactggcaaa 360
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atcactccag gctctgccac tacttgctga gcacaggact ggctccagg gatggcctga 480
agcctaacac tggccccag cactcctcc cctgggaggc cttatcctca aggaaggact 540
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ctgccccac ccccc 616

```

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<210> 170
<211> 1981
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<223> Incyte Clone No: 1909441

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<400> 170
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tgattcctct gtgtaatcat cctgctagct ttgtaaaatt gtttgtagca ttgggaccca 240
ttgcaggacc tgaagaaaag aaacaactta aatcaactat gttattgatg tcaggaggacc 300
taactggcga gcaagccctg gcagtgttgg gagcaatggg agatatggaa agcagaaaact 420
catctctgct taagagagtt acttcagttc tgcataaaga tttcagatgg tataaaccat 480
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tgtctgttct ggtcctgtct atttccctgc tccctctcc tcaattggac gaagtgggga 600
tatcccgaaat tgaagccgtt ttaccacagt gtgacctaaa taacctgagt agttttgcca 660
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&lt;210&gt; 171

&lt;211&gt; 1492

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1932226

&lt;400&gt; 171

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tttttctcct ctttgatttt gttttctgt cctcctccca acctgtcccc ttccccccac 1440
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&lt;210&gt; 172

&lt;211&gt; 1613

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1932647

&lt;400&gt; 172

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&lt;210&gt; 173

&lt;211&gt; 1622

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2124245

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tg 1622

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&lt;210&gt; 174

&lt;211&gt; 1320

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2132626

&lt;400&gt; 174

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&lt;210&gt; 175

&lt;211&gt; 778

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2280639

&lt;400&gt; 175

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cctcctggcc tatgcttgta tggctaaccg ttccctcacc cctgaattca gctcacgca 360
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&lt;210&gt; 176

&lt;211&gt; 1477

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2292356

&lt;400&gt; 176

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 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 2349310

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 <212> DNA  
 <213> Homo sapiens

<220>  
 <221>  
 <222> 11, 139  
 <223> a or g or c or t, unknown, or other

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 2373227

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 ttcccagactg gaaagcgggc agtgagcgca acgcaattaa tgtgagttag ctcaactccc 240  
 accccttcc ccgcgggcct cggttcaaac gaccgggtgg gtctacagcg gaagggaggg 300  
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 ggggcggggg cccaaggcct gaccagact ccgaccgaaa tgcagcgggt cagtttacgc 480  
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 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 2457682

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<210> 180  
 <211> 502  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 2480426

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<210> 181  
 <211> 1659  
 <212> DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2503743

&lt;400&gt; 181

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&lt;210&gt; 182

&lt;211&gt; 2015

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2537684

&lt;400&gt; 182

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&lt;210&gt; 183

&lt;211&gt; 740

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2593853

&lt;400&gt; 183

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&lt;210&gt; 184

&lt;211&gt; 748

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

<221> misc\_feature

<223> Incyte Clone No: 2622354

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<211> 648

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<223> Incyte Clone No: 2641377

<400> 185

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<211> 2110

<212> DNA

<213> Homo sapiens

<220>

<221>

<222> 267

<223> a or g or c or t, unknown, or other

<220>

<221> misc\_feature

<223> Incyte Clone No: 2674857

<400> 186

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&lt;212&gt; DNA

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&lt;211&gt; 1377

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;223&gt; Incyte Clone No: 2809230

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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;223&gt; Incyte Clone No: 2923165

&lt;400&gt; 194

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&lt;213&gt; Homo sapiens

&lt;220&gt;

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&lt;223&gt; Incyte Clone No: 2949822

&lt;400&gt; 195

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&lt;223&gt; Incyte Clone No: 3044710

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&lt;210&gt; 202

&lt;211&gt; 1551

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1229438

&lt;400&gt; 202

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&lt;211&gt; 936

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1236935

&lt;400&gt; 203

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&lt;213&gt; Homo sapiens

&lt;220&gt;

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&lt;223&gt; Incyte Clone No: 1359283

&lt;400&gt; 204

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&lt;210&gt; 205

&lt;211&gt; 971

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

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&lt;223&gt; Incyte Clone No: 1450703

&lt;400&gt; 205

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&lt;211&gt; 1832

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1910668

&lt;400&gt; 206

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&lt;212&gt; DNA



&lt;213&gt; Homo sapiens

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&lt;223&gt; Incyte Clone No: 1955143

&lt;400&gt; 207

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567

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&lt;211&gt; 1303

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;400&gt; 208

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1303

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&lt;211&gt; 1355

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;223&gt; Incyte Clone No: 1990762

&lt;400&gt; 209

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&lt;211&gt; 776

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&lt;213&gt; Homo sapiens

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&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1994131

&lt;400&gt; 210

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&lt;210&gt; 211

&lt;211&gt; 817

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&lt;213&gt; Homo sapiens

&lt;220&gt;

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&lt;223&gt; Incyte Clone No: 1997745

&lt;400&gt; 211

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&lt;210&gt; 212

&lt;211&gt; 484

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2009035

&lt;400&gt; 212

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&lt;210&gt; 213

&lt;211&gt; 509

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2009152

&lt;400&gt; 213

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&lt;210&gt; 216

&lt;211&gt; 1279

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2081422

&lt;400&gt; 216

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&lt;210&gt; 217

&lt;211&gt; 899

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2101278

&lt;400&gt; 217

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&lt;210&gt; 218

&lt;211&gt; 645

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

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&lt;223&gt; Incyte Clone No: 2121353

&lt;400&gt; 218

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&lt;210&gt; 219

&lt;211&gt; 703

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;223&gt; Incyte Clone No: 2241736

&lt;400&gt; 2

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&lt;210&gt; 220

&lt;211&gt; 536

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2271935

&lt;400&gt; 220

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&lt;210&gt; 221

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&lt;212&gt; DNA

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&lt;223&gt; Incyte Clone No: 2295344

&lt;400&gt; 221

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<220>  
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<210> 224  
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&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2646362

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&lt;210&gt; 225

&lt;211&gt; 509

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt;

&lt;222&gt; 492

&lt;223&gt; a or g or c or t, unknown, or other

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2657146

&lt;400&gt; 225

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&lt;210&gt; 226

&lt;211&gt; 2153

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2755786

&lt;400&gt; 226

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&lt;210&gt; 227

&lt;211&gt; 791

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; MISC\_FEATURE

&lt;223&gt; Incyte Clone No: 2831245

&lt;400&gt; 227

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ttaactgagg acta tga tctatgcagg gtctgagtec aaacctgggt gtcaagggtgt 60
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gaagtggta taaa tga agttctcgt gtatggcttt tgctcctatt tatgtggaaa 180
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gtgcacacac cctccttggt cctgggggtt tggctgggtg tggccctctc tgggaagtctt 300
cactagcact cttgagttag ctggcaggag atcccttaaa accattttcca agcagttttt 360
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tgagggtgggt ggatcacctg aggtcagaag ttcgagaaca gcctagccaa catggcgaaa 600
ccctgtctct actaaaaata ccaaatttgc tgaacgtgat ggtggggg gtttccccca 660

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gtacttggga ggctgaggca ggaaatcgct gaactcggga agcaaagggtt gcattaaggg 720
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caattcccaac a 791

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<210> 228
<211> 870
<212> DNA
<213> Homo sapiens

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<220>
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<223> Incyte Clone No: 3116250

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tctctctgtt gctgccacta atgctgatgt ccatggtctc tagcagcctg aatccagggg 240
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gacaccaaaag gcaccacaga aagccaaaca agcattccag agcctgccag caattttctca 480
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<210> 229
<211> 764
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<223> Incyte Clone No: 3129630

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<400> 229
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gcggcaggag ccgcgcgcga cacctgaagg aaaattgggc cgatttccac ctatgatgca 180
tcataccag gcaccccaac atgcccagac tctggggct cgtttccaga gctctcacct 240
tgccgaggca tttgcaaagg ccaaaggatc aggtgyaggt gctggaggag aggttagtgg 300
aagaggtctg atggggcaga ttattccaat ctacggtttt gggatttttt tatatatact 360
gtacattcta ttttaagtaa gtagaatcat cctaactata ttacatcaat aaaaattctaa 420
atccatcact tctttaaatc ctgctctctc ttaattgagga acttgggata gcccagattt 480
cagtttcaca taagaatgtt tactcaatgt ttaagtgtgt tgccccaaaa ttcccaacta 600
acaaggcaga actaggggac ttgaccttgg gacctttttg ggctcctaac tccaggtaag 660
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<210> 230  
 <211> 540  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 007632

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 ctcatgaaga cgcgcgctta actccggagg agctagaaag agcttccctt ctacagatac 180  
 tgccagagat gctgggtgca gaaagagggg atattctcag gaaagcagac tcaagtacca 240  
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 acattttact gagtcatctt ttggccagaa tctggaaacc atacaagaaa cgtgagactc 360  
 ctgattgctt ctggaaatac tgtgtctgaa gtgaaataag catctgttag tcagctcaga 420  
 aacacccatc ttagaatatg aaaaataaca caatgcttga tttgaaaaca gtgtggagaa 480  
 aaactaggca aactacacc tgttcattgt tacctggaaa ataaatcctc tatgttttgc 540

<210> 231  
 <211> 857  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 1236968

<400> 231  
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 ctggcttata gagctagcat ggaactcaca ccacagcttc cctgggtccac agaggctctc 780  
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 tgattaaaaa aaaaaaa 857

<210> 232  
 <212> DNA  
 <213> Homo sapiens

<221> misc\_feature  
 <223> Incyte Clone No: 1334153

&lt;400&gt; 232

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gatgccctgg accctccctc gaagaacgtg tccagcaacg cagagtgcgc tgcctgttat 480
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&lt;210&gt; 233

&lt;211&gt; 1981

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1396975

&lt;400&gt; 233

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a 1981

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&lt;210&gt; 234

&lt;211&gt; 744

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1501749

&lt;400&gt; 234

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aagcattttg ttaaaaaaaaa aaaa 744

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&lt;210&gt; 235

&lt;211&gt; 979

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1576249

&lt;400&gt; 235

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<211> 760
<212> DNA
<213> Homo sapiens
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<220>  
<221> misc_feature  
<223> Incyte Clone No: 1647884
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<211> 1080
<212> DNA
<213> Homo sapiens
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```
<220>
<221> misc_feature
<223> Incyte Clone No: 1661144
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<400> 237						
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ctgaactcct	gtgtgcctgg	ggtggcagg	gcaaacatag	ccaactggtg	gacctgagcg	720
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<210> 238  
 <211> 1129  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 1685409

<400> 238  
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 ggttaaggga aagcgcagag atgacgggct ttctgctgcc gcccgcaagc agaggtagcc 180  
 ccagggaggg gagggaaagg gacgggtggag acctgggtta gaccaagggt tatagaagga 240  
 aagagagcta cctcagggtt tgaatgtgga ctagtctgta ggagcagagt gcattgcttc 300  
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 ggcaaggcca gggagcttca catttcaa atacagttgtg ttacggcagc ccagtacttt 480  
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<210> 239  
 <211> 2370  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221>  
 <222> 121, 124  
 <223> a or g or c or t, unknown, or other

<220>  
 <221> misc\_feature  
 <223> Incyte Clone No: 1731419

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 cccctccttg gagtctct ggagcctccc agcctccttg tctctctctt 240  
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 cctgtcgagt aagatggagg taatcgtgtc ttatgggggt gttttgaggg ttaaattgagc 360  
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```

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cctggcagag aggggttttg tcagcagtga tacctgcagt gttctctgca gttgggttgg 660
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gggaggtggc tgaggtggga ggatcacttg agcctgggag gttgttgcag tgagagccat 2340
gatcgcgcta ctgggcaata gagcagaacc 2370

```

&lt;210&gt; 240

&lt;211&gt; 981

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc feature

&lt;222&gt; key: CDS NO: 200200

&lt;400&gt; 240

```

cggactgccc tgagggcggg aaagagtggt cactgagtea ccccaagca cctgacatga 60
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ttcgctttt tgtggtcttc cagtttttag gaactttact tttgcagttt cctggagaac 420
tgagaaaatt ctttaccggc tggatgtggg ttggcctaag caccagaaat attttaccgg 480
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```

```

aatcacatct ttgcacatgt ccttggtttgt attgttttaa atcagagttg ctgaatctaa 780
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acggtgaaac ccccgctctcc a                                     981

```

```

<210> 241
<211> 1204
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<223> Incyte Clone No: 2677129

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<400> 241
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tgccttactg ctattaatta attttttttt ggtctctttc ttcttgctt accctttgtt 180
taacaaccaa atcaactcta gatcaatgaa tgaaataaaa aatctccagt acctacctcg 240
gaccagtgaa ccccgcggaag ttctctttga agataggact agagctcatg ctgatcatgt 300
cggtcagggg tttgactggc agagtacggc tgcgtgttga gttttgaaag ctgtacaatt 360
tggtgaatgg agtgaccaac ctgcataac caaagatgtg atttgttttc atgctgagga 420
ttttactgat gttgtacaaa gacttcagtt agatcttcat gaacctccag tttcccagtg 480
cgtacagtgg gtagatgaag ctaaactaaa ccaaattgagg cgggaaggca ttcgttatgc 540
tagaattcag ctttgcgaca atgatatcta ctcatccct agaaatgtca ttcctcagtt 600
caaaacagtt tcggcggtgt gcagcttagc ctggcatata aggcctaaac agtaccaccc 660
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caciaatgtc agcatatctt tttacacaga tatgcaagtt agagtgtatc tatccggtag 1140
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cgag                                     1204

```

```

<210> 242
<211> 781
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<223> Incyte Clone No: 3151073

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cccctctctg agcccctcag ctttataggg atgtcagctt ggcccctaat tagtcccatt 180
tcagagca tttctctc ttcctatgag ccattctcat tttccat tggcctatctct 240
gtatgtacat tgcattgaaat aaagtgggaa tgtcccagaa gcagaaggac atctgatgca 300
gtccacgcca ataaattggg cttaccttta aaaatcatct gaatatgcag gtcttagggc 360
agagaatata gacagcttaa gattttctaa actacaagtc ccacccaaaa taagggtctt 420

```

```

tcattgatttc ccaaagggtg accatcagca agactggata tttttcagac ttaagatgac 480
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gcagttactg gatgttgaat ttgaaacctt ttcattttct tttttaaaac aagcttggtc 600
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taattcattc ctctgaagag agatctcttc cagacatttt aagccagggc aagaaatgtt 720
taaagatgtt ttctgcagtt gccgtagaaa cactccttag cagtcattct ggctgttggt 780
aaaa
784

```

&lt;210&gt; 243

&lt;211&gt; 426

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 3170095

&lt;400&gt; 243

```

ctccattaaa ccaccaccag ctccccaagc cacccttca gccatgaagt tctgtctct 60
ggctcttgga gccctcgat tctgaccca ggtgatccca gccagtgcag gtgggtcaaa 120
atgtgtgagt aacacccag gatactgcag gacatgttgc cactgggggg agacagcatt 180
gttcattgtc aacgttccca gaaaatgctg catcagctac tcttctctgc cgaagcctga 240
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caagaagcaa caaacgaccg taacatcata ataaccaactg ctatcgctc caccaactca 360
gagaaatata atttccacag ttccaattcc tctacattg ctgagtacta gccaaaggctc 420
ctcttt
426

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&lt;210&gt; 244

&lt;211&gt; 1732

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt;

&lt;222&gt; 1651, 1655

&lt;223&gt; a or g or c or t, unknown, or other

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 3475166

&lt;400&gt; 244

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cagc
agcaagctcc tctcagggt atctctgttg ctgggagaac taacctagg ctctctctcc 420
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cctggcct ttg ctgtt tctctct gcttggagca cctctctctt ctctctctct 600
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gacttctctc tgagcaaggt agggctcttc tacttagtca tgagggcagg gatttttgtc 720
tgttgtgttc tctgtgtgac ccagtgacca tcccagtgcc tggcagatgg taagtgtctg 780

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acacacattg gctgactgcc tgaatgaaca actctatgag cccgatggcag ataaggacac 840
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ggagaggagc cccgggttggg cacatcctgg agttggcgtc ttggaaactg catcaggaga 960
ataacaaaga tgagacgcag gctctaacaa gtggatacca gtgactctcg ccccgccagc 1020
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```

&lt;210&gt; 245

&lt;211&gt; 918

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 3836893

&lt;400&gt; 245

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ctcagaactc cgagctgcaa ctaaattaac tgaggaaaag tatgaactga aagaggggca 180
gacctgggat gtgaaatgtg actacacgct agagaagttt gccagcagcc agaaagcttg 240
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gaattcccat ccagtccaag tggggaggat catactagaa gactaccatg atcatggttt 360
actgcgcgtc cgaatggtca accttcaagt ggaagattct ggactgtatc agtgtgtgat 420
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accagctaaa aaaaaaaaa 918

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&lt;210&gt; 246

&lt;211&gt; 676

&lt;212&gt; DNA

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 4072156

&lt;400&gt; 246

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gctcacacag ctcccgga ggtcaccgc catgggtctc cctctgcctt ggtctctctg 60

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gtaccatttc cttcgccctc ttctgccctc ctgggtccttg gcaccccagg gctcccatgg 120
gtgctgctcc caaaacccca aagcaagcat ggaagagcag accaactcca gaggaatgg 180
gaagatgacg tccccccca ggggccctgg gacccaccgc acagctgagc tggcccagc 240
tgaagagttg ttggagcagc agctggagct gtaccaggcc ctcttgaag ggcaggagg 300
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agccagggct ctgcagtctt agtcccatc ccttttgatc tcacagcagg cagggcacca 600
caggccttac taggaattca cctggacca tgccctaaaa taacctcacc ccaaatacaa 660
taaagggacg aggcaa

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&lt;210&gt; 247

&lt;211&gt; 2255

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 1003916

&lt;400&gt; 247

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ccggtgcgtc ctgggtctgt ctgcgcggag tccccgggg cgcgaggaga ggggactgga 60
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<213> Homo sapiens

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<223> Incyte Clone No: 2093492

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<213> Homo sapiens

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<223> Incyte Clone No: 2108789

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&lt;210&gt; 250

&lt;211&gt; 1792

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2171401

&lt;400&gt; 250

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 <213> Homo sapiens

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&lt;210&gt; 253

&lt;211&gt; 3775

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2280161

&lt;400&gt; 253

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&lt;210&gt; 254

&lt;211&gt; 1856

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2287485

&lt;400&gt; 254

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&lt;210&gt; 255

&lt;211&gt; 1545

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

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&lt;223&gt; Incyte Clone No: 2380344

&lt;400&gt; 255

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&lt;210&gt; 255

&lt;211&gt; 1671

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

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&lt;223&gt; Incyte Clone No: 2383171

&lt;400&gt; 256

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&lt;210&gt; 257

&lt;211&gt; 792

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&lt;213&gt; Homo sapiens

&lt;220&gt;

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&lt;223&gt; Incyte Clone No: 2396046

&lt;400&gt; 257

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&lt;211&gt; 2445

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

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&lt;223&gt; Incyte Clone No: 2484813

&lt;400&gt; 259

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2445

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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

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&lt;223&gt; Incyte Clone No: 2493851

&lt;400&gt; 260

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&lt;211&gt; 1183

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

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&lt;223&gt; Incyte Clone No: 2495719

&lt;400&gt; 261

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&lt;211&gt; 1056

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone No: 2848362

&lt;400&gt; 264

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&lt;210&gt; 265

&lt;211&gt; 1183

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

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&lt;223&gt; Incyte Clone No: 2849906

&lt;400&gt; 265

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&lt;210&gt; 266

&lt;211&gt; 840

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&lt;220&gt;

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&lt;223&gt; Incyte Clone No: 2899137

&lt;400&gt; 266

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&lt;210&gt; 267

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&lt;212&gt; DNA

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&lt;211&gt; 1025

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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